

# FIBRE OPTICS

MATERIAL FOR THE ROLL-OUT OF  
OPTICAL FIBRE AND TV SOLUTIONS.

2022



Anvimur Telecomunicaciones S.L., is a Spanish firm based in Murcia (Spain) that has been giving service to Cable, Fibre and Broadcasting operators since 1988.

We have provided technical and novel solutions for over 30 years. Since being founded, Anvimur has been among the main distributors of material for TV over Satellite, Cable and Optic Fibre, with everything related to that sector of telecommunications.



TV  
DTT  
Satellite



CATV



Telephone  
and  
Network



Radio Links



Fibre Optics



IPTV



CCTV



### Engineering

Anvimur develops solutions for every level for a company.

We specialize in projects for operators, we design cable networks, fibre optic and radio links. We have a great knowledge and experience in Digital Frame formats (IP).

We train our clients in the operation of the projected equipment, so that they have a solid training in the administration and management of their own networks. We design and program software, specifically for each company, adapting to their needs.

### Distribution

With a Product Portfolio of more than 2000 references.

Anvimur has a permanent stock of a wide range of products in its warehouses of main national and international brands in order to cover any type of installation or project:

Cable network material. Equipment for TV head-ends, GPON and Internet. Equipment for Radio Links (Point-Point, Multi-Point, End-User, Professional). Equipment for FTTH, HFC and Coaxial roll-outs.

Equipment for Ethernet networks.  
User material, etc.

### I+D+I

We are advancing daily

We are continually learning in order to be able to offer the latest technology and techniques to our customers. Together with our Partners, Anvimur develops new ideas to improve services for our customers.

We investigate new concepts in order to make our solutions more dynamic. Anvimur attends the most important national and international fairs so as to be able to find out, first-hand the trends and innovations and thus be able to advise our clients.



¡AYUDANOS A CRECER. DÁNDONOS 5 ESTRELLAS EN GOOGLE MY BUSINESS!

★★★★★

ESCANEA ESTE QR Y DEJANOS TU COMENTARIO








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## OPTICAL DISTRIBUTION FRAME (ODF)

### Standard RACK

The 1U / 2U / 4U / 8U distribution range offers an economical solution for optical distribution, achieving fibre termination and interconnection at central points. Made of cold rolled steel, the finish is with baked electrostatic powder paint in black, thus giving it strength and durability. It can be mounted on a 19" rack and offers a design that gives easy access to the interior of the distributor to order to be able to identify the fibres.

**FO-LB12SCD**  
**FO-LB24SC**  
**FO-LB24SCD**



- Adaptors not included.

**FO-PP24SC**  
**FO-PP24SCD**



- Adaptors included.

**FO-LB48SC**  
**FO-LB48SCD**



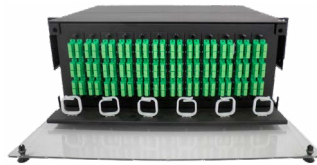
- Adaptors not included.

**FO-LM36DSC**



- Adaptors included.

**FO-LM144DSC**



- Adaptors included.

**FO-ODF288**



- Adaptors included.

SX = Simplex (∅ 12.8 x 9.3 mm)

DX = Duplex (∅ 25.6 x 9.3 mm)

<b>FO-LB12SCD</b>	Ports: <b>12 SC DX + 6</b>   Rack: 1U – 19"   Splices: 24   Trays/Splices: 2x12   Adaptors: 12 SC DX.	<b>23,00 €</b>
<b>FO-LB24SC</b>	Ports: <b>24 SC SX + 6</b>   Rack: 1U – 19"   Splices: 24   Trays/Splices: 2x12   Adaptors: 24 SC SX.	<b>26,00 €</b>
<b>FO-LB24SCD</b>	Ports: <b>24 SC DX + 6</b>   Rack: 1U – 19"   Splices: 48   Trays/Splices: 2x12   Adaptors: 24 SC DX.	<b>27,00 €</b>
<b>FO-PP24SC</b>	Ports: <b>24 SC SX + 5</b>   Rack: 1U – 19"   Splices: 24   Trays/Splices: 1x24   Adaptors: 24 <b>SC/APC</b> Simplex.	<b>26,00 €</b>
<b>FO-PP24SCD</b>	Ports: <b>24 SC DX + 5</b>   Rack: 1U – 19"   Splices: 48   Trays/Splices: 2x24   Adaptors: 24 <b>SC/APC</b> Duplex.	<b>24,60 €</b>
<b>FO-LB48SC</b>	Ports: <b>48 SC SX + 6</b>   Rack: 2U – 19"   Splices: 48   Trays/Splices: 4x12   Adaptors: 48 SC SX.	<b>52,00 €</b>
<b>FO-LB48SCD</b>	Ports: <b>48 SC DX + 6</b>   Rack: 2U – 19"   Splices: 96   Trays/Splices: 8x12   Adaptors: 48 SC DX.	<b>52,00 €</b>
<b>FO-LM36DSC</b>	Ports: <b>36 SC DX</b>   Rack: 2U – 19"   Splices: 72   Trays/Splices: 3x24   Adaptors: 36 <b>SC/APC</b> Duplex.	<b>140,00 €</b>
<b>FO-LM144DSC</b>	Ports: <b>72 SC DX</b>   Rack: 4U – 19"   Splices: 144   Trays/Splices: 6x24   Adaptors: 72 <b>SC/APC</b> Duplex.	<b>220,00 €</b>
<b>FO-ODF288</b>	Ports: <b>288 SC SX</b>   Rack: 8U – 19"   Splices: 288   Trays/Splices: 24x12   Adaptors: 288 <b>SC/APC</b> Simplex.	<b>285,00 €</b>

**FO-ODF1U24**



- Adaptors not included.

**FO-ODF2U48**



- Adaptors not included.

**FO-ODF3U72**



- Adaptors not included.

**FO-ODF4U96**



- Adaptors not included.

<b>FO-ODF1U24</b>	Ports: <b>24 SC SX + 2</b>   Rack: 1U – 19" or 21"   Splices: 24   Trays/Splices: 2x12   Adaptors: 24 SC SX.	<b>30,00 €</b>
<b>FO-ODF2U48</b>	Ports: <b>48 SC SX + 2</b>   Rack: 2U – 19" or 21"   Splices: 48   Trays/Splices: 4x12   Adaptors: 48 SC SX.	<b>44,00 €</b>
<b>FO-ODF3U72</b>	Ports: <b>72 SC SX + 2</b>   Rack: 3U – 19" or 21"   Splices: 72   Trays/Splices: 6x12   Adaptors: 72 SC SX.	<b>57,00 €</b>
<b>FO-ODF4U96</b>	Ports: <b>96 SC SX + 2</b>   Rack: 4U – 19" or 21"   Splices: 96   Trays/Splices: 8x12   Adaptors: 96 SC SX.	<b>64,00 €</b>



## OPTICAL DISTRIBUTION FRAME (ODF)

### Professional RACK

The patch panel distributor cabinet model manufactured by MICOS allows for a professional huge fibre interconnection in central link points, data centre OAN, etc.



**FO-ODF36**



- Adaptors & Pigtails included.

**FO-ORSM72**



- Patch Cords not included.  
- Adaptors & Pigtails included.

**FO-ORMPM3U**



- Neither Adaptors or Pigtails included.

**FO-CAJA-ORMPM**



<b>FO-ODF36</b>	Ports: <b>36 SC Simplex</b>   Rack: 2U – 19"   Splices: 36   Trays/Splices: 3x12   Adaptors: 36 <b>SC/APC SX</b>   Pigtails: 36 <b>SC/APC SX</b> .	<b>165,00 €</b>
<b>FO-ORSM72</b>	Ports: <b>72 SC Simplex</b>   Rack: 4U – 19"   Splices: 72   Trays/Splices: 6x12   Adaptors: 72 <b>SC/APC SX</b>   Pigtails: 72 <b>SC/APC SX</b> .	<b>367,00 €</b>
<b>FO-ORMPM3U</b>	Ports: <b>144 SC Simplex</b>   Rack: 3U – 19"   Splices: 144   Trays/Splices: 12x12   Adaptors: 144 <b>SC SX</b>   Pigtails: 144 <b>SC SX</b> .	<b>295,00 €</b>
<b>FO-CAJA-ORMPM</b>	Empty Box/Tray, 2U- 19 inch with rotating tray to store spare cables for patch panel <b>FO-ORMPM3U</b> .	<b>90,00 €</b>

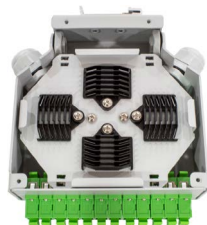
### DIN Rails

Fibre Optic Box with DIN Rail, available for connecting, distributing and terminating several types of fibre optic systems. It is especially suitable for terminal distribution in mini-networks where optical cables, patch cores or pigtails are connected. All DIN Rail terminal boxes may come fully equipped.

**FO-DIN1**



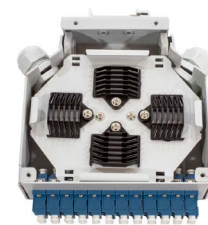
- Includes Adaptors.



**FO-DIN2**



- Includes Adaptors.



<b>FO-DIN1</b>	Ports: 2 + <b>12 SC SX</b>   Splices: 24   Trays/Splices: 1x24   Adaptors: 12 <b>SC/APC Simplex</b>   Pigtails: NO.	<b>16,00 €</b>
<b>FO-DIN2</b>	Ports: 2 + <b>12 LC DX</b>   Splices: 24   Trays/Splices: 1x24   Adaptors: 12 <b>LC/UPC Duplex</b>   Pigtails: NO.	<b>22,10 €</b>

## WATERTIGHT ENCLOSURES

### Dome Watertight Enclosures

Watertight Enclosures for optical fibre splices and segregation. For outdoor use on walls, posts, underground manholes, pipes, etc. Easy mechanical fixing of the connection cables with watertight seal and flange lock. Including all installation and wall support accessories. **Splitters are not included.**

**FO-GJS03T**



Underground / Wall

**FO-HTTC04**



\* Includes WSC/APC SX adaptors.  
Underground / Wall / Aerial

**FO-326B**



Underground / Wall

**FO-GSM03M**



Underground / Wall / Aerial

**FO-GP5601**



Underground / Wall

**FO-B204A**



Underground / Wall

**FO-GP288**



Underground / Wall

**FO-AN552**



Underground / Wall / Post / Aerial

**FO-BDH720**



Underground / Wall / Post / Aerial

<b>FO-GJS03T</b>	Ports: 2 + 8   Diameter: < 16mm   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: 1:8   Adaptors: <b>8 SC/APC SC</b>   Dimension: 183x182 mm   <b>IP68</b>	<b>25,00 €</b>
<b>FO-HTTC04</b>	Ports: 3 + <b>8 SC</b>   Diameter: < 40mm   <b>Splices: 36</b>   Trays/Splices: 1x12 + 1x24   Splitter: 1:2/4/8   Adapt: <b>8 WSC/APC</b>   Dimen: 220x209x320 mm   <b>IP68</b>	<b>29,40 €</b>
<b>FO-326B</b>	Ports: 6   Diameter: < 17,5mm   <b>Splices: 72</b>   Trays/Splices: 3x24   Splitter: 1:8/16/32   Adaptors: <b>36 SC SX</b>   Dimension: 450xØ230 mm   <b>IP68</b>	<b>39,00 €</b>
<b>FO-GSM03M</b>	Ports: 5   Diameter: < 17,5mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: NO   Adaptors: NO   Dimension: 315xØ189 mm   <b>IP68</b>	<b>30,00 €</b>
<b>FO-GP5601</b>	Ports: 6   Diameter: < 17,5mm   <b>Splices: 144</b>   Trays/Splices: 6x24   Splitter: NO   Adaptors: NO   Dimension: 435xØ230 mm   <b>IP68</b>	<b>51,00 €</b>
<b>FO-B204A</b>	Ports: 5   Diameter: < 17,5mm   <b>Splices: 144</b>   Trays/Splices: 6x24   Splitter: NO   Adaptors: NO   Dimension: 450xØ230 mm   <b>IP68</b>	<b>43,00 €</b>
<b>FO-GP288</b>	Ports: 7   Diameter: < 33mm   <b>Splices: 288</b>   Trays/Splices: 12x24   Splitter: NO   Adaptors: NO   Dimension: 504xØ298 mm   <b>IP68</b>	<b>118,00 €</b>
<b>FO-AN552</b>	Ports: 6   Diameter: < 22mm   <b>Splices: 552</b>   Trays/Splices: 46x12   Splitter: NO   Adaptors: NO   Dimension: 585xØ260 mm   <b>IP68</b>	<b>135,00 €</b>
<b>FO-BDH720</b>	Ports: 7   Diameter: < 25mm   <b>Splices: 720</b>   Trays/Splices: 30x24   Splitter: 1:8 ó 2:16   Adaptors: <b>16 SC SX</b>   Dimension: 516xØ263 mm   <b>IP68</b>	<b>76,40 €</b>





## WATERTIGHT ENCLOSURES

### Horizontal Watertight Enclosures

Distribution boxes, Watertight enclosures for optical fibre splices and segregation. For outdoor use on overhead lines, poles, wall, underground manholes, pipes, etc. Including all Installation Accessories. **Adapters, Pigtails or Splitters are not included.**

**FO-FD33**

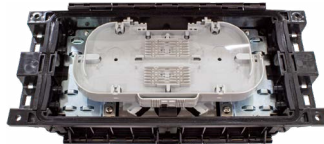


- Wall.

FO-FD33



**FO-HTSCTL17**

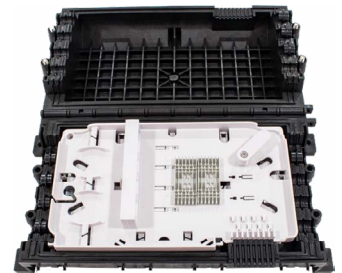


- Aerial.

FO-HTSCTL17



**FO-HTSC135**



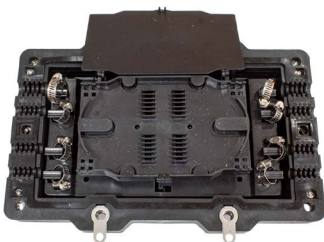
- Wall.

FO-HTSC135



<b>FO-FD33</b>	Ports: 6   Diameter: < 18mm   <b>Splices: 8</b>   Trays/Splices: 1x8   Splitter: 1:4/8   Adaptors: 2 SC SX   Dimensions: 225x170x48 mm   IP67	<b>10,50 €</b>
<b>FO-HTSCTL17</b>	Ports: 8+16   Diameter: < 13mm   <b>Splices: 24</b>   Trays/Splices: 2x12   Splitter: -   Adaptors: 16 SC SX   Dimensions: 280x172x102   IP65	<b>28,00 €</b>
<b>FO-HTSC135</b>	Ports: 8+8   Diameter: < 14mm   <b>Splices: 36</b>   Trays/Splices: 1x36   Splitter: 1:4/8   Adaptors: 8 SC SX   Dimensions: 325x173x86   IP67	<b>27,20 €</b>

**FO-GPJ09-6208-48F**



- Aerial / Underground.

FO-GPJ09-6208-48F



**FO-HTSCTL16**

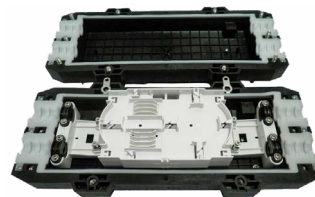


- Wall / Post.

FO-HTSCTL16



**FO-GPH4C1**



- Aerial / Underground.

FO-GPH4C1



**FO-HTSC120**



- Aerial / Underground.

FO-HTSC120



<b>FO-GP-6208-48F</b>	Ports: 8   Diameter: < 12mm   <b>Splices: 48</b>   Trays/Splices: 2x24   Splitter: NO   Adaptors: NO   Dimensions: 280x180x85   <b>IP68</b>	<b>24,00 €</b>
<b>FO-HTSCTL16</b>	Ports: 4+16   Diameter: < 12mm   <b>Splices: 48</b>   Trays/Splices: 1x48   Splitter: 1:8/16   Adaptors: 16 SC SX   Dimensions: 450x240x140   IP65	<b>34,70 €</b>
<b>FO-GPH4C1</b>	Ports: 4   Diameter: < 21mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: 1:4/8/16   Adaptors: NO   Dimensions: 432x186x100   <b>IP68</b>	<b>23,50 €</b>
<b>FO-HTSC120</b>	Ports: 16   Diameter: < 23mm   <b>Splices: 384</b>   Trays/Splices: 8x48   Splitter: NO   Adaptors: NO   Dimensions: 560x239x160   <b>IP68</b>	<b>81,40 €</b>

## WATERTIGHT ENCLOSURES

### Horizontal Watertight Enclosures

Distribution boxes, Watertight enclosures for optical fibre splices and segregation. For outdoor use on overhead lines, poles, wall, underground manholes, pipes, etc. Including all Installation Accessories. **Adapters, Pigtails or Splitters are not included.**

**FO-GFX16X**



- Wall.

FO-GFX16X



**FO-GFX16-S8  
FO-GFX16-S16**



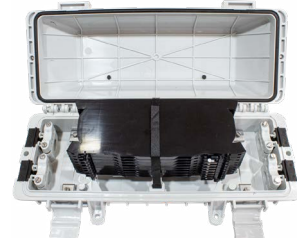
- Includes Splitter and WSC/APC SX Adaptors.  
- Wall.

FO-GFX16-S8 / 16



**FO-CAU128**

Splice Box Universal Access (BUA).



- Aerial / Underground.

FO-CAU128



<b>FO-GFX16X</b>	Ports: 8 + <b>16SC</b>   Diameter: < 12mm   <b>Splices: 60</b>   Trays/Splices: 2x12 + 1x12   Splitter: 1:4/8/16   Adapt: <b>16 WSC/APC</b>   Dims: 380x199x121   IP65	<b>55,00 €</b>
<b>FO-GFX16-S8</b>	Ports: 8 + <b>16SC</b>   Diameter: < 16mm   <b>Splices: 72</b>   Trays/Splices: 2x26 + 1x20   Splitter: <b>1:8 SC/APC</b>   Adapt: <b>16 WSC/APC</b>   Dim: 313x195x120   IP65	<b>47,65 €</b>
<b>FO-GFX16-S16</b>	Ports: 8 + <b>16SC</b>   Diameter: < 16mm   <b>Splices: 72</b>   Trays/Splices: 2x26 + 1x20   Splitter: <b>1:16 SC/APC</b>   Adapt: <b>16 WSC/APC</b>   Dim: 313x195x120   IP65	<b>66,00 €</b>
<b>FO-CAU128</b>	Ports: 4   Diameter: < 19mm   <b>Splices: 128</b>   Trays/Splices: 8x16   Splitter: 1:4/8/16   Adaptors: NO   Dimensions: 390x170x115   <b>IP68</b>	<b>35,30 €</b>

### Vertical Watertight Enclosures

Vertical distribution boxes, watertight enclosures for fibre optic splices and segregation. For outdoor use on overhead lines, poles, wall, underground manholes, etc. Including all Installation Accessories. **Adapters, Pigtails or Splitters are not included.**

**FO-GFS8Q**

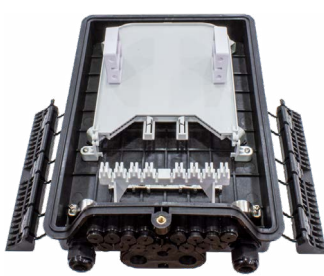


- Wall.

FO-GFS8Q



**FO-HTSC140B**



- Wall / Post.

FO-HTSC140B



**FO-HTTC01**



- Wall.

FO-HTTC01



<b>FO-GFS8Q</b>	Ports: 2+8   Diameter: < 13mm   <b>Splices: 12</b>   Trays/ Splices: 1x12   Splitter: 1:8   Adaptors: 8 SC SX   Dimensions: 280x182x80 mm   <b>IP68</b>	<b>17,50 €</b>
<b>FO-HTSC140B</b>	Ports: 4+16   Diameter: < 20mm   <b>Splices: 24</b>   Trays/Splices: 1x24   Splitter: 1:8/16 <b>LGX</b>   Adaptors: NO   Dimensions: 362x217x107   IP65	<b>21,25 €</b>
<b>FO-HTTC01</b>	Ports: 4 + <b>8SC</b>   Diamet: < 16mm   <b>Splices: 36</b>   Trays/Splices: 1x12+1x24   Splitter: 1:2/4/8   Adaptors: <b>8 WSC/APC SX</b>   Dimens: 305x170x126   IP65	<b>34,90 €</b>



## WATERTIGHT ENCLOSURES

### Vertical Watertight Enclosures

**FO-HTSC502**



- Wall / Underground.

FO-HTSC502



**FO-GPJ09-8201**



- Wall / Underground.

FO-GPJ09-8201



**FO-GJSH002**



- Wall / Underground.

FO-GJSH002



**FO-HTSC103**



- Wall / Underground.

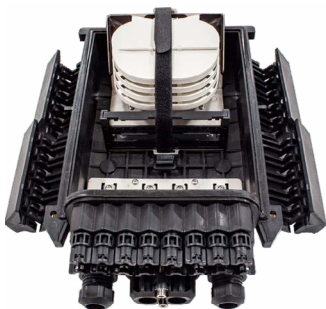
FO-HTSC103



<b>FO-HTSC502</b>	Ports: 6   Diameter: < 20mm   <b>Splices: 48</b>   Trays/Splices: 4x12   Splitter: NO   Adaptors: 8 SC SX   Dimensions: 323x202x86   <b>IP68</b>	<b>22,80 €</b>
<b>FO-GPJ09-8201</b>	Ports: 5+4   Diameter: < 15mm   <b>Splices: 60</b>   Trays/Splices: 5x12   Splitter: NO   Adaptors: NO   Dimensions: 300x220x100 mm   <b>IP68</b>	<b>38,90 €</b>
<b>FO-GJSH002</b>	Ports: 6   Diameter: < 20mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: NO   Adaptors: NO   Dimensions: 320x210x85 mm   <b>IP68</b>	<b>24,00 €</b>
<b>FO-HTSC103</b>	Ports: 6   Diameter: < 20mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: NO   Adaptors: NO   Dimensions: 323x202x86 mm   <b>IP68</b>	<b>24,50 €</b>

### Vertical Watertight Enclosures

**FO-GPJ09-8205/V**



- Wall / Post.

FO-GPJ09-8205/V



**FO-GJS256**

(BUA) Splice Box Universal Access.



- Wall / Underground.

FO-GJS256



**FO-GFS-8DY**



- Wall / Post.  
- Includes Splitter 1:8 and WSC/APC SX Adaptors.

FO-GFS-8DY



<b>FO-GP-8205/V</b>	Ports: 4+16   Diameter: < 17,5mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: 1:8/16   Adaptors: 24 SC SX   Dimensions: 380x245x130 mm   <b>IP68</b>	<b>38,95 €</b>
<b>FO-GJS256</b>	Ports: 4   Diameter: < 22mm   <b>Splices: 256</b>   Trays/Splices: 8x32   Splitter: NO   Adaptors: NO   Dimensions: 570x285x107 mm   <b>IP68</b>	<b>43,90 €</b>
<b>FO-GFS-8DY</b>	Ports: 10 WSC/APC   Diameter: -   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: <b>1:8 SC/APC</b>   Adaptors: 10 WSC/APC   Dimens: 264x100x66,5 mm   <b>IP68</b>	<b>26,50 €</b>



## OPTICAL TERMINAL BOXES (OTB)

### Indoor/Outdoor FTTx OTB

Optical terminal boxes, distribution boxes for fibre segregation and customer service with the installation of a pre-connected or unconnected PLC optical splitter. For indoor or outdoor use on Posts, Walls and Pedestals. All trays and installation accessories are included. **Adapters, Pigtails or Splitters are not included.**

#### 8 and 12 Users:

**FO-X30A**



FO-X30A



- Wall.

**FO-X31**



FO-X31



- Wall / Post.

**FO-X08B**



FO-X08B



- Wall.

<b>FO-X30A</b>	Ports: 3+8   Diameter: < 12mm   <b>Splices: 8</b>   Trays/Splices: 1x8   Splitter: 1:4/8   Adaptors: 8 SC SX   Dimensios: 200x215x54   IP65	<b>10,40 €</b>
<b>FO-X31</b>	Ports: 3+12   Diameter: < 16mm   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: 1:4/8/16   Adaptors: 12 SC SX   Dimensios: 235x200x91   IP54	<b>15,20 €</b>
<b>FO-X08B</b>	Ports: 2+12   Diameter: < 17mm   <b>Splices: 20</b>   Trays/Splices: 1x20   Splitter: 1:2/4/8   Adaptors: 15 SC SX   Dimensios: 233x214x71   IP66	<b>8,60 €</b>

#### 8 and 16 Users:

**FO-X08A**



FO-X08A



- Wall.

**FO-GFS16W**



FO-GFS16W



- Wall.

**FO-GFS8Y / 16Y**



FO-GFS8Y/16Y



- Wall / Post.

\* Waterproof WSC/APC SX adaptors included.

**FO-GFS16H**



FO-GFS16H



- Wall / Post.

\* Waterproof WSC/APC SX adaptors included to **Huawei FastConnect.**

<b>FO-X08A</b>	Ports: 2+16   Diameter: < 15mm   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: 1:4/8/16   Adaptors: 8 SC SX   Dimensions: 260x195x63   IP55	<b>14,10 €</b>
<b>FO-GFS16W</b>	Ports: 4+16   Diameter: < 16mm   <b>Splices: 16</b>   Trays/Splices: 1x16   Splitter: 1:4/8/16   Adaptors: 16 SC SX   Dimensions: 274x175x82   IP65	<b>15,00 €</b>
<b>FO-GFS8Y</b>	Ports: 2+8SC   Diameter: < 18mm   <b>Splices: 16</b>   Trays/Splices: 2x8   Splitter: 1:4/8/16 MINI   Adaptors: <b>8 WSC/APC SX</b>   Dimension: 208x241x117   IP65	<b>42,50 €</b>
<b>FO-GFS16Y</b>	Ports: 2+16SC   Diameter: < 18mm   <b>Splices: 16</b>   Trays/Splices: 2x8   Splitter: 1:4/8/16 MINI   Adaptors: <b>16 WSC/APC SX</b>   Dimens: 208x241x117   IP65	<b>46,90 €</b>
<b>FO-GFS16H</b>	Ports: 2+16SC   Diameter: < 18mm   <b>Splices: 16</b>   Trays/Splices: 2x8   Splitter: 1:4/8/16 MINI   Adaptors: <b>16 WSC/APC-H SX</b>   Dimens: 208x240x117   IP65	<b>34,50 €</b>



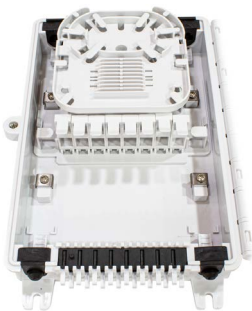
## OPTICAL TERMINAL BOXES (OTB)

### Indoor/Outdoor FTTx OTB

Optical terminal boxes, distribution boxes for fibre segregation and customer service with the installation of a pre-connected or unconnected PLC optical splitter. For indoor or outdoor use on Posts, Walls and Pedestals. All trays and installation accessories are included. **Adapters, Pigtails or Splitters are not included.**

#### 8 and 16 Users:

**FO-NAP16**



**FO-X21D**



**FO-GFS-8SX**



**FO-GFS16N**



\* Waterproof WSC/APC SX adaptors included.

<b>FO-NAP16</b>	Ports: 4+16   Diameters: < 12 mm   <b>Splices: 18</b>   Trays/Splices: 1x18   Splitter: 1:8/16   Adaptors: 16 SC SX   Dimensions: 231x152x59   IP54	<b>13,30 €</b>
<b>FO-X21D</b>	Ports: 2+16   Diameters: < 16mm   <b>Splices: 24</b>   Trays/Splices: 1x16   Splitter: 1:4/8/16   Adaptors: 19 SC SX   Dimensions: 305x236x100   IP54	<b>17,50 €</b>
<b>FO-GFS-8SX</b>	Ports: 4+8SC   Diameters: < 16mm   <b>Splices: 28</b>   Trays/Splices + 1x12   Splitter: 1:8   Adaptors: <b>8 WSC/APC SX</b>   Dimensions: 319.3x200x97.5   IP65	<b>35,70 €</b>
<b>FO-GFS16N</b>	Ports: 4+16   Diameters: < 16mm   <b>Splices: 36</b>   Trays/Splices: 3x12   Splitter: 1:4/8/16   Adaptors: 18 SC SX   Dimensions: 330x210x87   IP65	<b>20,50 €</b>

**FO-GFS16N1**



**FO-GFS-8AX**



**FO-GFS-16SX**



<b>FO-GFS16N1</b>	Ports: 2+16   Diameters: < 12mm   <b>Splices: 36</b>   Trays/Splices: 3x12   Splitter: 1:4/8/16   Adaptors: 18 SC SX   Dimensions: 330x210x87   IP65	<b>21,20 €</b>
<b>FO-GFS-8AX</b>	Ports: 3+8SC   Diameters: < 14mm   <b>Splices: 36</b>   Trays/Splices: 3x12   Splitter: <b>1:8 SC/APC</b>   Adaptors: <b>8 WSC/APC SX</b>   Dimensions: 281x177x109   IP65	<b>39,00 €</b>
<b>FO-GFS-16SX</b>	Ports: 4+16SC   Diameters: < 16mm   <b>Splices: 40</b>   Tray/Splice: 2x8 + 2x12   Splitter: 1:8   Adaptors: <b>16 WSC/APC SX</b>   Dimensions: 319.3x214x133   IP65	<b>55,00 €</b>

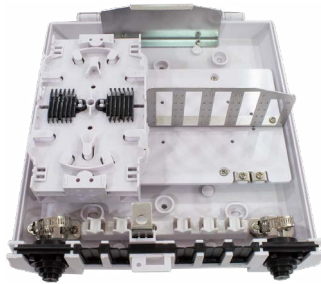
## OPTICAL TERMINAL BOXES (OTB)

### Indoor/Outdoor FTTx OTB

Optical terminal boxes, distribution boxes for fibre segregation and customer service with the installation of a pre-connected or unconnected PLC optical splitter. For indoor or outdoor use on Posts, Walls and Pedestals. All trays and installation accessories are included. **Adapters, Pigtails or Splitters are not included.**

#### 24 and 48 Users:

**FO-V24A**

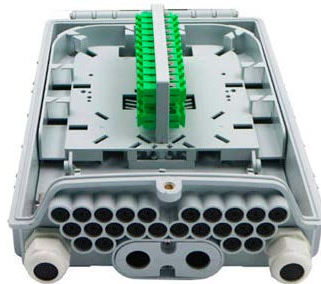


FO-V24A



- Wall.

**FO-GFS24N**



FO-GFS24N



- Wall.

**FO-X16B**



FO-X16B



- Wall.

<b>FO-V24A</b>	Ports: 2+5   Diameter: < 24mm   <b>Splices: 24</b>   Trays/Splices: 2x12   Splitter: 1:4/8/16   Adaptors: 24 SC SX   Dimensions: 272x235x84 mm   IP54	<b>18,00 €</b>
<b>FO-GFS24N</b>	Ports: 4+24   Diameter: < 16mm   <b>Splices: 24</b>   Trays/Splices: 1x24   Splitter: 1:4/8/16   Adaptors: 24 SC SX   Dimensions: 330x210x87 mm   IP65	<b>23,50 €</b>
<b>FO-X16B</b>	Ports: 2+24   Diameter: < 17mm   <b>Splices: 46</b>   Trays/Splices: 1x46   Splitter: 1:4/8/16   Adaptors: 24 SC SX   Dimensions: 330x280x100 mm   IP55	<b>12,00 €</b>

**FO-Y24A**



FO-Y24A



- Wall.

**FO-GFS24N2**

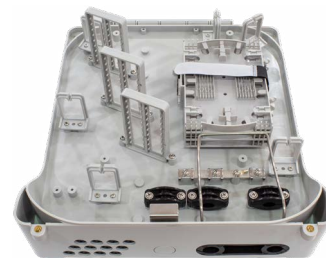


FO-GFS24N2



- Wall.

**FO-X48A**



FO-X48A



- Wall.

<b>FO-Y24A</b>	Ports: 3+24   Diameter: < 14mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: 1:8/16/32   Adaptors: 24 SC SX   Dimensions: 310x245x90 mm   IP65	<b>24,20 €</b>
<b>FO-GFS24N2</b>	Ports: 4+24   Diameter: < 16,5mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: 1:4/8/16   Adaptors: 24 SC SX   Dimensions: 340x220x95 mm   IP65	<b>24,50 €</b>
<b>FO-X48A</b>	Ports: 2+48   Diameter: < 12mm   <b>Splices: 96</b>   Trays/Splices: 4x24   Splitter: 1:8/16/32   Adaptors: 54 SC SX   Dimensions: 410x330x120 mm   IP65	<b>39,00 €</b>





## OPTICAL TERMINAL BOXES (OTB)

### Indoor/Outdoor FTTx OTB, LGX Cassette Type

Optical terminal boxes, distribution boxes for fibre segregation and customer service with the installation of a pre-connected or unconnected PLC optical splitter. For indoor or outdoor use on Posts, Walls and Pedestals. All trays and installation accessories are included. **Adapters, Pigtails or Splitters are not included.**

#### 12, 16 and 24 Users:

**FO-X08C**



**FO-X08V**



**FO-X31C**



**FO-GFS16W-2**



\* Includes 1:8 SC/APC LGX Splitter.

FO-X08C



- Wall.

FO-X08V



- Wall.

FO-X31C



- Wall / Post.

FO-GFS16W-2



- Wall.

<b>FO-X08C</b>	Ports: 2+12   Diameter: < 17mm   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: <b>1:8 SC/APC "Included"</b>   Adaptors: NO   Dimensions: 225x200x65   IP55	<b>16,00 €</b>
<b>FO-X08V</b>	Ports: 2+12   Diameter: < 17mm   <b>Splices: 12</b>   Trays/Splices: 1x12   Splitter: 1:4/8   Adaptors: NO   Dimensions: 225x200x65   IP55	<b>8,85 €</b>
<b>FO-X31C</b>	Ports: 3+12   Diameter: < 16mm   <b>Splices: 16</b>   Trays/Splices: 1x16   Splitter: 1:4/8   Adaptors: NO   Dimensions: 235x200x91   IP54	<b>15,60 €</b>
<b>FO-GFS16W-2</b>	Ports: 4+16   Diameter: < 16mm   <b>Splices: 16</b>   Trays/Splices: 1x16   Splitter: 1:8/16   Adaptors: NO   Dimensions: 274x175x82   IP65	<b>14,10 €</b>

**FO-16P-LGX**



**FO-X21C**



**FO-GFS16U**



**FO-X16C**



FO-16P-LGX



- Wall.

FO-X21C



- Wall / Post.

FO-GFS16U



- Wall.

FO-X16C



- Wall.

<b>FO-16P-LGX</b>	Ports: 4+16   Diameter: < 14mm   <b>Splices: 16</b>   Trays/Splices: 1x16   Splitter: 1:4/8/16   Adaptors: NO   Dimensions: 287x172x102   IP65	<b>13,00 €</b>
<b>FO-X21C</b>	Ports: 2+16   Diameter: < 12mm   <b>Splices: 24</b>   Trays/Splices: 1x24   Splitter: 1:8/16   Adaptors: NO   Dimensions: 315x236x100   IP54	<b>17,30 €</b>
<b>FO-GFS16U</b>	Ports: 3+16   Diameter: < 14mm   <b>Splices: 38</b>   Trays/Splices: 1x38   Splitter: 1:4/8   Adaptors: NO   Dimensions: 310x250x102   IP65	<b>19,60 €</b>
<b>FO-X16C</b>	Ports: 2+24   Diameter: < 17mm   <b>Splices: 48</b>   Trays/Splices: 1x48   Splitter: 1:8/16   Adaptors: NO   Dimensions: 320x240x100   IP55	<b>13,20 €</b>

## OPTICAL TERMINAL BOXES (OTB)

### CTO Interior FTTx

Indoor FTTx Optical Terminal Boxes, for wall installation. **Neither adapters, pigtails nor splitters are included.**

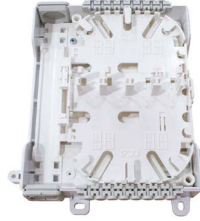
**FO-CAJAEXT6F-S**



FO-CAJAEXT6F-S



**FO-MPA8SC**



FO-MPA8SC



**FO-CTO8S**



FO-CTO8S



**FO-FTB8G**



FO-72001 Lid may be installed.

FO-FTB8G



<b>FO-CAJAEXT6F-S</b>	Ports: 1+6   Diameter: < 8mm   <b>Splices: 6</b>   Trays/Splices: 1x6   Splitter PLC: 1:4/8   Adaptors: 6 SC SX   Dimensions: 210x140x40   IP55	<b>5,90 €</b>
<b>FO-MPA8SC</b>	Ports: 2+16   Diameter: < 14mm   <b>Splices: 6</b>   Trays/Splices: 1x6   Splitter: 1:8   Adaptors: 8 SC SX   Dimensions: 150x126x51   IP54	<b>12,50 €</b>
<b>FO-CTO8S</b>	Ports: 2+8   Diameter: < 7mm   <b>Splices: 8</b>   Trays/Splices: 1x8   Splitter: 1:4/8   Adaptors: 8 SC SX   Dimensions: 160x127x45   IP65	<b>12,00 €</b>
<b>FO-FTB8G</b>	Ports: 2+8   Diameter: < 16mm   <b>Splices: 16</b>   Trays/Splices: 2x8   Splitter: 1:8/16   Adaptors: 8 SC SX   Dimensions: 235x127x55   IP65	<b>12,70 €</b>
<b>FO-FTB8H</b>	Ports: 2+8   Diameter: < 10mm   <b>Splices: 16</b>   Trays/Splices: 2x8   Splitter: 1:8/16   Adaptors: 8 SC SX   Dimensions: 235x126x52   IP65	<b>8,80 €</b>
<b>FO-CTO8D</b>	Ports: 2+8   Diameter: < 8mm   <b>Splices: 48</b>   Trays/Splices: 2x24   Splitter: 1:4/8   Adaptors: 8 SC SX   Dimensions: 226x125x53   IP54	<b>11,50 €</b>
<b>FO-CTO16S</b>	Ports: 2+16   Diameter: < 14mm   <b>Splices: 16</b>   Trays/Splices: 1x16   Splitter: 1:8/16   Adaptors: 16 SC SX   Dimensions: 220x140x55   IP55	<b>18,60 €</b>

**FO-FTB8H**



FO-FTB8H



**FO-CTO8D**



FO-CTO8D



**FO-CTO16S**



FO-CTO16S



### Outdoor FTTH Distribution Cabinet

**FO-FTTH16J**



**FO-FTTH12U**



**FO-FTTH18US**



**FO-FTTH18UA**



**FO-FTTH30UA**



**FO-FTTHPEDE**



<b>FO-FTTH16J</b>	Capacity: 16 Adapt. SC SX   Dimensions: 1593x185x148mm   Weight: 12 kg   Protection: IP65 - IK10   Total depth: 100mm.	<b>130,00 €</b>
<b>FO-FTTH12U</b>	Capacity: 12U - 19"   Dimensions: 864x610x610mm   Weight: 60 kg   Protection: IP54 - IK10   Total depth: 610mm.	<b>485,00 €</b>
<b>FO-FTTH18US</b>	Capacity: 18U - 19"   Dimensions: 1134x610x610mm   Weight: 65 kg   Protection: IP54 - IK10   Total depth: 610mm.	<b>500,00 €</b>
<b>FO-FTTH18UA</b>	Capacity: 18U - 19"   Dimensions: 1134x610x890mm   Weight: 110 kg   Protection: IP65 - IK10   Total depth: 890mm <b>with Air Conditioning.</b>	<b>2.590,00 €</b>
<b>FO-FTTH30UA</b>	Capacity: 30U - 19"   Dimensions: 1460x180x100mm   Weight: 140 kg   Protection: IP65 - IK10   Total depth: 890mm <b>with Air Conditioning.</b>	<b>2.850,45 €</b>
<b>FO-FTTHPEDE</b>	Pedestal for FTTH Distribution Cabinets 12U/18U/30U   Dimensions: 630x610x610mm   15kg.	<b>125,00 €</b>



## OPTICAL TERMINAL BOXES (OTB)

### Multi-Operator FTTx / RITI

Boxes designed for GPON-FTTH topologies, allowing for connections between multiple operators and customers, equipped with a shut-off valve. They have a flexible side input allowing for multiple boxes to be stacked and an oval entry makes cable bleeding easier.

#### FO-MULTI32



\* Designed for SC SX Adapters without side brackets: [FO-ASCASWE](#)

Empty

#### FO-MULTIOPERADOR



Empty

#### FO-MULTICLIENTE-KIT



The KIT includes:  
**8 SC/APC Adaptors + 1 Splitter 1:8 SC/APC**

#### FO-GFS48E



Empty

<b>FO-MULTI32</b>	Puertos: 2+2   Diámetro: < 16   Fusiones: 64   Bandeja/Fusión: 4x16   Dimens: 320x150x105mm   Adpat: 32 SC   Splitter: 1:8/16 CAJA MINI   IP54	<b>46,00 €</b>
<b>FO-MULTIOPERADOR</b>	Puertos: 4+2   Diámetro: < 18   Fusiones: 48   Bandeja/Fusión: 6x8   Dimens: 450x180x150mm   Adpat: 48 SC   Splitter: 1:4/8/16 CAJA MINI   IP30	<b>47,00 €</b>
<b>FO-MULTICLIENTE-KIT</b>	Puertos: 4+2   Diámetro: < 16   Fusiones: 144   Bandeja/Fusión: 6x24   Dimens: 450x180x150mm   Adpat: 48 SC   Splitter: 1:8/16 CAJA MINI   IP54	<b>49,90 €</b>
<b>FO-GFS48E</b>	Puertos: 4+2   Diámetro: < 20   Fusiones: 48   Bandeja/Fusión: 6x8   Dimens: 450x180x150mm   Adpat: 48 SC   Splitter: 1:4/8/16 CAJA MINI   IP54	<b>40,00 €</b>

### Terminal boxes / Optical Access Points

These terminal boxes allow access to the optical cable at the end-user's home and either the splice or the mechanical pigtail is located between the external connection and the internal fibre, with an SC/APC connector.

#### FO-GP62FN-4



Access Point with **metal clamp** for **RISER** cable. Adaptor not included.

#### FO-ANROSETA2SC



Adaptor not included.

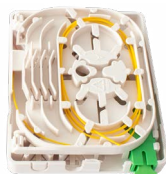
#### FO-ANROSETA1SCO



#### FO-ROSETA2SC

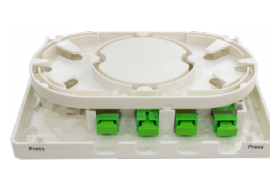


#### FO-ANROSETA2SCP



**SC/APC Adaptor + Pigtail SC/APC** included.

#### FO-ANROSETA4SC



Adaptors not included.

#### FO-FTBS1A



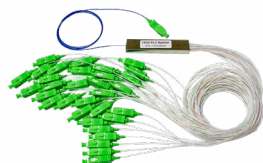
<b>FO-GP62FN-4</b>	Ports: 1+1 SC   Diameter: < 8 mm   <b>Splices: 2</b>   Trays/Splices: NO   Adaptors: 1 SC   Dimensions: 86x86x24 mm	<b>0,55 €</b>
<b>FO-ANROSETA2SC</b>	Ports: 2 SC   Diameter: SC SX   <b>Splices: 2</b>   Trays/Splices: NO   Adaptors: 2 SC SX   Dimensions: 86x86x24 mm	<b>0,54 €</b>
<b>FO-ANROSETA1SCO</b>	Ports: 1+1 SC   Diameter: < 6 mm   <b>Splices: 2</b>   Trays/Splices: 1x2   Adaptors: 1 SC SX   Dimensions: 85x114x23 mm	<b>1,55 €</b>
<b>FO-ROSETA2SC</b>	Ports: 3+2 SC   Diameter: < 8 mm   <b>Splices: 4</b>   Trays/Splices: 1x4   Adaptors: 2 SC SX   Dimensions: 110x80x27 mm	<b>1,10 €</b>
<b>FO-ANROSETA2SCP</b>	Ports: 2+2 SC   Diameter: < 8 mm   <b>Splices: 3</b>   Trays/Splices: 1x3   Adaptors: 2 SC SX   Dimensions: 83x105x23 mm	<b>1,75 €</b>
<b>FO-ANROSETA4SC</b>	Ports: 4 SC   Diameter: < 8 mm   <b>Splices: 4</b>   Trays/Splices: 1x4   Adaptors: 4 SC SX   Dimensions: 150x110x32 mm	<b>2,60 €</b>
<b>FO-FTBS1A</b>	Ports: 2   Diameter: < 3 mm   <b>Splices: 1</b>   Trays/Splices: 1x1   Adaptors: 1 SC SX   Dimensions: 148x90x16 mm	<b>1,38 €</b>

## OPTICAL SPLITTER

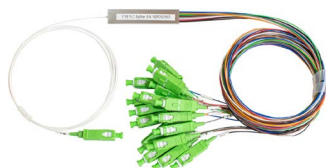
The optical splitter is a PON network passive element that divides the optical signal from a fibre into multiple outputs. These splitters are usually installed in ODF (Optical Distribution Frame) cabinets.

### PLC Connected Type

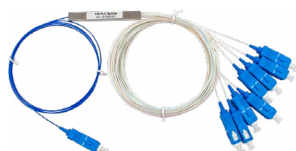
#### FO-SPLC\_X\_C-S



#### FO-S1X\_C-COL



#### FO-SPLCUPC\_X\_C-S



Splitter with **SC/APC** Connector, fibre G657A1 | Length 1m, Diameter  $\varnothing$ 900  $\mu$ m | Temperature -40 ~ +85  $^{\circ}$ C.

<b>FO-SPLC1X2C-S</b>	Splitter <b>1:2</b> Connected <b>SC/APC</b> Dimensions: 60x7x4mm.	<b>5,20 €</b>
<b>FO-SPLC1X4C-S</b>	Splitter <b>1:4</b> Connected <b>SC/APC</b> Dimensions: 60x7x4mm.	<b>6,50 €</b>
<b>FO-SPLC1X8C-S</b>	Splitter <b>1:8</b> Connected <b>SC/APC</b> Dimensions: 60x7x4mm.	<b>7,90 €</b>
<b>FO-SPLC1X16C-S</b>	Splitter <b>1:16</b> Connected <b>SC/APC</b> Dimensions: 60x12x4mm.	<b>13,45 €</b>
<b>FO-SPLC1X32C-S</b>	Splitter <b>1:32</b> Connected <b>SC/APC</b> Dimensions: 80x20x6mm.	<b>26,00 €</b>
<b>FO-SPLC1X64C-S</b>	Splitter <b>1:64</b> Connected <b>SC/APC</b> Dimensions: 100x40x6mm.	<b>43,00 €</b>

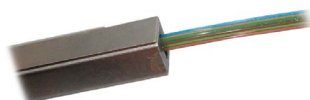
Splitter with **SC/APC** Connector, G657A1 fibre | With **Colours**, length 1m, Diameter  $\varnothing$ 900  $\mu$ m | Temperature -40 ~ +85  $^{\circ}$ C.

<b>FO-S1X2C-COL</b>	Splitter <b>1:2</b> Connected <b>SC/APC</b> with <b>Colours</b> Dim.: 60x7x4mm.	<b>5,30 €</b>
<b>FO-S1X4C-COL</b>	Splitter <b>1:4</b> Connected <b>SC/APC</b> with <b>Colours</b> Dim.: 60x7x4mm.	<b>5,40 €</b>
<b>FO-S1X8C-COL</b>	Splitter <b>1:8</b> Connected <b>SC/APC</b> with <b>Colours</b> Dim.: 60x7x4mm.	<b>7,90 €</b>
<b>FO-S1X16C-COL</b>	Splitter <b>1:16</b> Connected <b>SC/APC</b> with <b>Colours</b> Dim.: 60x12x4mm.	<b>12,60 €</b>
<b>FO-S1X32C-COL</b>	Splitter <b>1:32</b> Connected <b>SC/APC</b> with <b>Colours</b> Dim.: 80x20x6mm.	<b>23,00 €</b>

Splitter with **SC/UPC** Connector, G657A1 fibre | Length 1m, Diameter  $\varnothing$ 900  $\mu$ m | Temperature -40 ~ +85  $^{\circ}$ C.

<b>FO-SPLCUPC1X8C-S</b>	Splitter <b>1:8</b> Connected <b>SC/UPC</b> Dimensions: 60x7x4mm.	<b>5,95 €</b>
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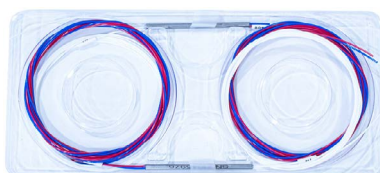
### PLC Unconnected Type



Splitter **Without** connector, G657A1 fibre | Length 1.5m, Diameter  $\varnothing$ 250  $\mu$ m | Temperature -40 ~ +85  $^{\circ}$ C.

<b>FO-SPLC1X2-S</b>	Splitter <b>1:2</b> WITHOUT connector Dimensions: 40x4x4mm.	<b>3,70 €</b>
<b>FO-SPLC1X4-S</b>	Splitter <b>1:4</b> WITHOUT connector Dimensions: 40x4x4mm.	<b>2,80 €</b>
<b>FO-SPLC1X8-S</b>	Splitter <b>1:8</b> WITHOUT connector with <b>Colours</b> Dimens: 40x4x4mm.	<b>4,05 €</b>
<b>FO-SPLC1X16-S</b>	Splitter <b>1:16</b> WITHOUT connector Dimensions: 50x4x4mm.	<b>6,90 €</b>
<b>FO-SPLC1X32-S</b>	Splitter <b>1:32</b> WITHOUT connector Dimensions: 50x7x4mm.	<b>18,00 €</b>

### Asymmetrical\_Unbalanced PLC Unconnected Type



<b>FO-SPLC1X2-AS1090</b>	Splitter <b>1:2</b> WITHOUT connector ASYMETRIC 0.9mm 1.5M <b>10/90</b> . ( $\varnothing$ 3x54mm) Insertion Loss: 10.8/0.65	<b>4,50 €</b>
<b>FO-SPLC1X2-AS2080</b>	Splitter <b>1:2</b> WITHOUT connector ASYMETRIC 0.9mm 1.5M <b>20/80</b> . ( $\varnothing$ 3x54mm) Insertion Loss: 7.5/1.2	<b>4,80 €</b>
<b>FO-SPLC1X2-AS3070</b>	Splitter <b>1:2</b> WITHOUT connector ASYMETRIC 0.9mm 1.5M <b>30/70</b> . ( $\varnothing$ 3x54mm) Insertion Loss: 5.65/1.8	<b>4,20 €</b>
<b>FO-SPLC1X2-AS4060</b>	Splitter <b>1:2</b> WITHOUT connector ASYMETRIC 0.9mm 1.5M <b>40/60</b> . ( $\varnothing$ 3x54mm) Insertion Loss: 4.4/2.5	<b>4,20 €</b>
<b>FO-SPLC1X2-AS5050</b>	Splitter <b>1:2</b> WITHOUT connector ASYMETRIC 0.9mm 1.5M <b>50/50</b> . ( $\varnothing$ 3x54mm) Insertion Loss: 3.09/0.08	<b>4,20 €</b>





## OPTICAL SPLITTER

### PLC Box Type

#### FO-SPBOX\_X\_SC\_



Box Splitter with **SC/APC** connector, G657A1 fibre | Length 1m, Diameter  $\varnothing$ 2 mm | Temperature -40 ~ +85 °C.

<b>FO-SPBOX1X2SC-K</b>	Box Splitter <b>1:2</b> Connector <b>SC/APC</b> Dimensions: 100x80x10mm.	<b>6,20 €</b>
<b>FO-SPBOX1X4SC-K</b>	Box Splitter <b>1:4</b> Connector <b>SC/APC</b> Dimensions: 100x80x10mm.	<b>6,75 €</b>
<b>FO-SPBOX1X8SC-K</b>	Box Splitter <b>1:8</b> Connector <b>SC/APC</b> Dimensions: 100x80x10mm.	<b>7,80 €</b>
<b>FO-SPBOX1X16SC-K</b>	Box Splitter <b>1:16</b> Connector <b>SC/APC</b> Dimensions: 120x80x18mm.	<b>13,20 €</b>
<b>FO-SPBOX1X32SC-K</b>	Box Splitter <b>1:32</b> Connector <b>SC/APC</b> Dimensions: 120x80x18mm.	<b>28,00 €</b>
<b>FO-SPBOX1X64SCA</b>	Box Splitter <b>1:64</b> Connector <b>SC/APC</b> Dimensions: 120x80x18mm.	<b>55,00 €</b>

#### FO-SPBOX1X\_MINI



Box Splitter **MINI** with **SC/APC** connector, G657A1 fibre | Length 1m, Diameter  $\varnothing$ 2 mm | Temperature -40 ~ +85 °C.

<b>FO-SPBOX1X4MINI</b>	Box Splitter <b>1:4</b> MINI Connector <b>SC/APC</b> Dimens.: 100x45x10mm.	<b>10,90 €</b>
<b>FO-SPBOX1X8MINI</b>	Box Splitter <b>1:8</b> MINI Connector <b>SC/APC</b> Dimens.: 100x45x10mm.	<b>12,70 €</b>
<b>FO-SPBOX1X16MINI</b>	Box Splitter <b>1:16</b> MINI Connector <b>SC/APC</b> Dim.: 100x45x10mm.	<b>15,95 €</b>

#### FO-ANSP\_UPC



Box Splitter with **SC/UPC** connector, G657A1 fibre | Length 1m, Diameter  $\varnothing$ 2 mm | Temperature -40 ~ +85 °C.

<b>FO-ANSP4UPC</b>	Box Splitter <b>1:4</b> Connector <b>SC/UPC</b> Dimensions: 120x80x18mm.	<b>8,00 €</b>
<b>FO-ANSP8UPC</b>	Box Splitter <b>1:8</b> Connector <b>SC/UPC</b> Dimensions: 100x80x10mm.	<b>9,40 €</b>
<b>FO-ANSP16UPC</b>	Box Splitter <b>1:16</b> Connector <b>SC/UPC</b> Dimensions: 120x80x18mm.	<b>17,00 €</b>

### LGX Cassette Type



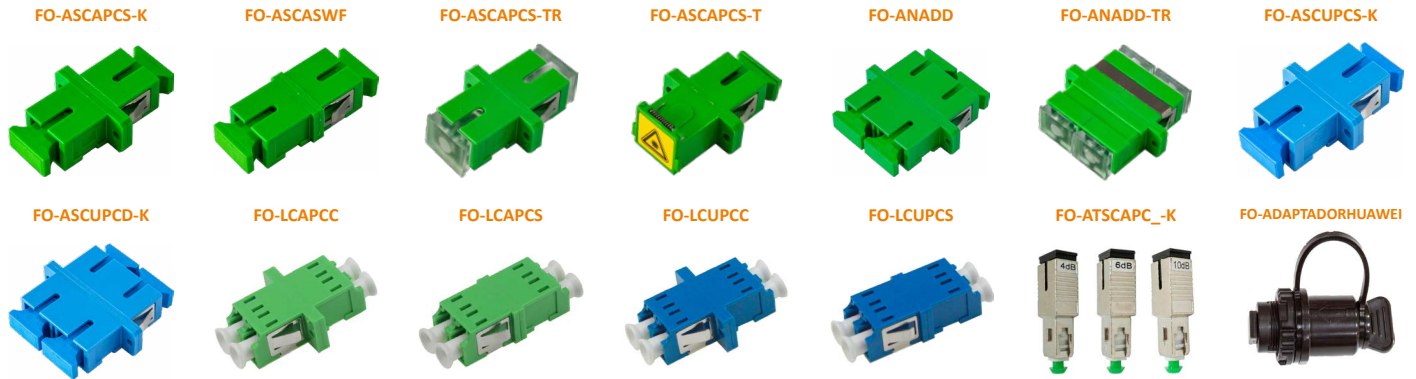
Cassette Splitter with Adaptors or **SC/APC**, G657A1 Fibre | Temperature -40 ~ +85 °C.

<b>FO-SLGX1X4C-S</b>	Splitter <b>1:4</b> LGX Cassette <b>SC/APC</b> Dimensions: 130x100x25mm.	<b>7,10 €</b>
<b>FO-SLGX1X8C-S</b>	Splitter <b>1:8</b> LGX Cassette <b>SC/APC</b> Dimensions: 130x100x25mm.	<b>8,20 €</b>
<b>FO-SLGX1X16C-S</b>	Splitter <b>1:16</b> LGX Cassette <b>SC/APC</b> Dimensions: 130x100x50mm.	<b>13,50 €</b>

## ACCESSORIES

### Adaptors and Connectors

The Adaptors are manufactured in compliance with IEC, ANSI/TIA/EIA Normatives and Telecordia for Single-mode Fibres.



FO-ASCAPCS-K	F/F Adaptor – SC/APC SIMPLEX.	0,13 €
FO-ASCASWF	F/F Adaptor – SC/APC SIMPLEX. Without lateral supports.	0,14 €
FO-ASCAPCS-TR	F/F Adaptor – SC/APC SIMPLEX. With transparent plugs.	0,18 €
FO-ASCAPCS-T	F/F Adaptor – SC/APC SIMPLEX. With self-locking anti-dust plug.	0,70 €
FO-ANADD	F/F Adaptor – SC/APC DUPLEX.	0,40 €
FO-ANADD-TR	F/F Adaptor – SC/APC DUPLEX. With transparent plugs.	0,32 €
FO-ASCUPCS-K	F/F Adaptor – SC/UPC SIMPLEX.	0,15 €
FO-ASCUPCD-K	F/F Adaptor – SC/UPC DUPLEX.	0,48 €
FO-LCAPCC	F/F Adaptor – LC/APC SM DUPLEX.	0,55 €
FO-LCAPCS	F/F Adaptor – LC/APC SM DUPLEX. Without lateral supports.	0,57 €
FO-LCUPCC	F/F Adaptor – LC/UPC SM DUPLEX.	0,67 €
FO-LCUPCS	F/F Adaptor – LC/UPC SM DUPLEX. Without lateral supports.	0,65 €
FO-ATSCAPC4-K	Female to Male Attenuator – SC/APC 4dB Attenuation.	3,95 €
FO-ATSCAPC6-K	Female to Male Attenuator – SC/APC 6dB Attenuation.	4,80 €
FO-ATSCAPC10-K	Female to Male Attenuator – SC/APC 10dB Attenuation.	4,45 €
FO-ADAPTADORHUAWEI	Adaptor for Huawei fast connector F/F for Enclosures and Terminal Boxes.	1,50 €
FO-AWSCAPC	F/F Adapter WSC/APC Simplex + Watertight Plug	2,45 €

### Mechanical Connectors

Fast mechanical connectors for fibres with polished APC or UPC, easy mounting, an excellent solution for terminal installations in distribution boxes, for single-mode fibres (9 / 125µm). They are compatible with a wide diameter of fibres thanks to the regrowth tubes that include, input fibres with Diameter of 900µm, 2mm, 3mm, 3.5mm, 3 x 2mm and 1.6x2mm flat cable. **For flat and round cables.**



Each splicer has its own guide/holder (fuse-connector).

FO-HUAWEI-REDON



Ø 3.0 y 3.5 mm



Ø 3.0 y 3.5 mm

FO-ANCR	Reusable Connector SC/APC: Ø 3x2mm, 2mm, 2x1.6mm, 3mm y 3.5mm.	0,80 €
FO-ANCRU	Reusable Connector SC/UPC: Ø 3x2mm, 2mm, 2x1.6mm, 3mm y 3.5mm.	0,70 €
FO-ANCR2	Reusable Connector SC/APC: Ø 3x2mm, 2mm, 2x1.6mm, 3mm y 3.5mm.	0,85 €
FO-ESC250D	Reusable Connector SC/APC: Ø 3x2mm y 2x1.6mm.	1,25 €
FO-ESC250DUP	Reusable Connector SC/UPC: Ø 3x2mm y 2x1.6mm.	1,00 €
FO-SCAPCFUSION	Connector SC/APC Splice mounted: Ø 3x2mm, 2mm y 3mm.	1,25 €
FO-HUAWEI-PLANO	HUAWEI Adaptor for Flat cable with Connector SC/APC (ESC925T).	8,60 €
FO-HUAWEI-REDON	HUAWEI Adaptor for Round cable with Connector SC/APC (ESC925T).	8,60 €
FO-CORNING-PLANO	CORNING Adaptor for Flat cable with Connector SC/APC (ESC250D).	9,35 €
FO-CORNING-REDON	CORNING Adaptor for Round cable with Connector SC/APC (ESC925T).	9,30 €

FO-HUAWEI-PLANO



Ø 2.0 x 3.0 mm



Ø 2.0 x 3.0 mm

FO-CORNING-REDON



## ACCESSORIES

### Clamps, Ties and Anchors

**BRIDA-A150/200**

Ø 35/50 mm



**FO-PAR22**

Ø 5 < 22 mm



**FO-ANCRET**



**FO-CHT32/40**



**0572025-H / ASF-519**

Ø 35/45 mm



**FO-PA1500**

Ø 10 < 14 mm



**FO-GANRET**



**FO-CHT63/110**



**FO-PMK**



**FO-DN414**

Ø 4 < 14 mm



**FO-78001**



**FO-CC2721**



Reel not included.

**RF540501/28**

Ø 9/12 mm



**FO-DN54**

Ø 12 < 14 mm



**FO-72001**



Cover for OTB FTB8G

**FO-CC2721WS**



**RF540099**



**FO-RET**

Ø 4 < 6 mm



**FO-CABLESPLITTER**



**RF544108**



**RF540081**



**FO-RETP**

Ø 4 < 5 mm



**FO-ETIQUETA**



**FO-78003**



<b>BRIDA-A150</b>	Tie with screw, Ø 35mm. Includes plug and clamp 10mm x 140mm.	0,39 €
<b>BRIDA-A200</b>	Tie with screw, Ø 50mm. Includes plug and clamp 10mm x 200mm.	0,44 €
<b>0572025-H</b>	Clamp for overhead lines with brace included, Ø 35mm, Clamp 10mm x 150mm.	0,39 €
<b>ASF-519</b>	Clamp for overhead lines with brace included, Ø 45mm, Clamp 10mm x 200mm.	0,44 €
<b>FO-PMK</b>	Aluminium Clamp for distribution boxes, for installation on posts, dimensions: 100-195mm.	2,40 €
<b>RF540501</b>	Wall Staple Ø 9mm N°00. <b>(1.200 unit pack)</b>	71,00 €
<b>RF540528</b>	Wall Staple Ø 12mm N°0. <b>(1.200 unit pack)</b>	77,00 €
<b>RF540099</b>	Type 1 ring for staples 00-0-1-2-3 (RF540501 and RF540528). <b>(1.000 unit pack)</b>	68,00 €
<b>RF540081</b>	Type E ring for fastening cables to walls, facades and posts. <b>(100 unit pack)</b>	9,00 €
<b>FO-PAR22</b>	Anchor Clamp, Ø 5-22mm. Reversible, adjustable, steel ring, 200 daN.	2,16 €
<b>FO-PA1500</b>	Anchor Clamp, Ø 10-14mm. Reversible, adjustable, aluminum, 1500 daN.	6,90 €
<b>FO-DN414</b>	Anchor Clamp, Ø 4-9mm y Ø 10-14mm. Lever system, for wall, post and overhead installation. 100Kg. Resistance.	2,00 €
<b>FO-DN54</b>	Anchor Clamp, Ø de 12 - 14mm. adjustable, aluminium, 1500 daN.	7,10 €
<b>FO-RET</b>	Retainer Ø 4-6mm. Wedge System, Wall Installations, Posts and overhead lines. Up to 100Kg. Resistance.	0,40 €
<b>FO-RETP</b>	Retainer Ø 4-5mm. Wedge System, Wall Installations, Posts and overhead lines. Up to 100Kg. Resistance.	1,35 €
<b>FO-ANCRET</b>	Post anchor for securing Retention hooks / Drop cable gripper.	0,65 €
<b>FO-GANRET</b>	Hook for anchor or anchor grippers.	0,19 €
<b>FO-78001</b>	Wall support anchor for distribution boxes. ( <a href="#">FO-GFS16XL</a> y <a href="#">FO-GPJ09-8205/V</a> )	5,00 €
<b>FO-72001</b>	Cover / Trim for indoor terminal boxes, hides and protects output drop cables. Ideal for <a href="#">FO-FTB8G</a> terminal Box.	3,30 €
<b>FO-CABLESPLITTER</b>	Cable separator. Six plastic lanes Ø 5/3.5mm. Cables ranging from Ø 5.4 to 20 mm.	9,99 €
<b>FO-ETIQUETA</b>	Kit comprising of 100 tags, 200 280x36mm ties and a permanent ink pen.	12,60 €
<b>FO-CHT32</b>	Inflatable shutter for Ø 32mm ducts.	14,30 €
<b>FO-CHT40</b>	Inflatable shutter for Ø 40mm ducts.	14,31 €
<b>FO-CHT63</b>	Inflatable shutter for Ø 63mm ducts.	23,00 €
<b>FO-CHT110</b>	Inflatable shutter for Ø 110mm ducts.	27,50 €
<b>FO-CC2721</b>	Reel cradle. Max. weight 45.1Kg. Max. reel diameter Ø43.2cm. <a href="#">Jonard Tools</a>	51,85 €
<b>FO-CC2721WS</b>	Reel cradle. Max. weight 45,4Kg. Max. reel diameter Ø43,2cm. Includes <b>Wheels + Straps</b> . <a href="#">Jonard Tools</a>	66,05 €
<b>RF544108</b>	Steel wire spool of plasticized Steel 120 metres. Outer diameter Ø2mm, inner wire diameter Ø1mm.	17,00 €
<b>FO-78003</b>	Pole Support Anchors + Aluminum Metal Clamps, includes 4 screws and washers.	6,00 €

## ACCESSORIES

### Fusion and Cutting of Optical Fibre

#### Fusion splicers

FO-KL500



FSM-NINJAKIT



FSM-31SKIT



012-PROLITE42



FSM-41SKIT



012-PROLITE41



FSM-S179A21KIT



FSM-90SKIT



FO-KL500	KL500 Fusion Splicer KIT, core, coating or manual alignment. Melting oven time 9s and 30s. Includes carrying bag, charger base, power source, spare electrodes, stripper and KL21F Cleaver.	1.600,00 €
FSM-NINJAKIT	Fitel Furukawa S178A-22 ver2 Core Fusion Splicer KIT + S326A Cleaver.	2.310,00 €
FSM-31SKIT	Fujikura 31S KIT is the smallest, lightest and most portable Fusion Splicer on the market. Includes cleaver, stripper, bleeder, supports, battery, electrodes and carrying / work case.	1.995,00 €
012-PROLITE42	Promax PROLITE 42 Extra-flat Fusion Splicer. Fusion in 8 seconds, alignment by core, removable battery, range of up to 300 fusions, includes tools, compact and lightweight.	2.040,00 €
FSM-41SKIT	Fujikura 41S KIT. Small, light and portable Fusion Splicer. Includes CT50 cleaver, stripper, bleeder, supports, battery, electrodes, work tray, alcohol can, transport / work case.	2.325,00 €
012-PROLITE41	Promax PROLITE 41 - FTTH. Compact Fusion Splicer, core alignment, includes transport case and accessories.	2.507,90 €
FSM-S179A21KIT	New Fitel Furukawa S179A-21 Fusion Splicer, core alignment, for Fibres: SM (G.652), MM (G.651), DSF (G.653) NZD (G.655), FTTH (G.657) 2.Kg. Melting time 6s. The fastest on the market.	4.720,00 €
FSM-90SKIT	Fujikura 90S, core alignment, faster and more durable than previous models. Melts in 7-8 seconds and heats up the sleeve in 9 to 10 seconds. Includes FJ-CT50 cleaver, supports, battery, electrodes, case, tray, carrying strap.	4.980,00 €

#### Cleavers

FO-FC500



012-AF001



FJ-CT08



FKW-S326A



FJ-CT50



FO-FC500	New Jonard Tools professional fibre optic cleaver with precision cutter. Long life, 48.000 cuts. Jonard Tools	205,49 €
012-AF001	Promax professional fibre optic cleaver with precision cutter.	382,50 €
FJ-CT08	Fujikura CT-08 cleaver, 48.000 cycle/cut range, especially designed for FTTH.	450,00 €
FKW-S326A	Fitel Furukawa S326A cleaver, 48.000 cut range, designed for every type of fibre operator.	576,00 €
FJ-CT50	Fujikura CT-50 cleaver, long life; 60.000 cycle/cut range, designed for FTTH.	780,00 €

#### Accessories

012-AF002C



FO-MANGA\_\_



FO-SPB-RO



FO-SPB-RE



FO-CCB1CORE



FO-HTSC1SC



FO-PSI15



FO-FC500RB



012-AF002B	Set of Replacement Electrodes for PROLITE 42. 2 Unidades.	136,00 €
012-AF002C	Set of Replacement Electrodes for PROLITE 41. 2 Unidades.	136,00 €
FO-MANGA40-K	Heat Shrinkable Splice Sleeve 40mm, 100 Units.	1,85 €
FO-MANGA45-K	Heat Shrinkable Splice Sleeve 45mm, 100 Units.	2,15 €
FO-MANGA-K	Heat Shrinkable Splice Sleeve 60mm, 100 Units.	2,20 €
FO-SPB-RO	Cylindrical protective box to protect / house a splice.	0,40 €
FO-SPB-RE	Rectangular protective box to protect / house a Splice, can be anchored to a wall.	0,15 €
FO-CCB1CORE	Rectangular protective box to protect / house a Splice and an SC connector. Can be anchored to a wall.	1,20 €
FO-HTSC1SC	Protective box to protect / house connexion with SC adaptor "without lateral support" Outdoor, Wall.	1,50 €
FO-PSI15	QuickSleevers Tools. Holds up to 15 protection sleeves, each ranging from 1.57" to 2.36" (40 mm to 60 mm) long.	20,49 €
FO-FC500RB	Replacement Blade for FC-500 Fiber Cleaver. 48.000 cuts.	68,00 €





ACCESSORIES

Cleaning Material

FO-LMBOT



FO-LMBOT25



FO-ALCOHOL1L  
FO-ALCOHOL1/2



FO-PANOS-S



FO-TOALLITAS



FO-BOLI



FCC-300



FO-FCC120



FO-FCC125



FO-FCC250



FO-FDC66



FO-DW90



FO-FCF3



FO-TK182



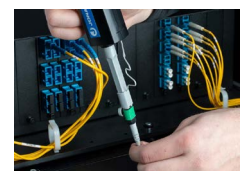
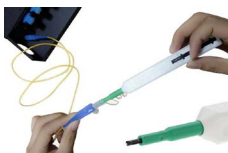
Professional CLEANING KIT

FO-TK184



Professional CLEANING KIT

FO-LMBOT	Dispenser bottle for 180 ml. isopropyl alcohol.	1,15 €
FO-LMBOT25	Dispenser non-spill bottle for 250 ml. isopropyl alcohol.	4,95 €
FO-FO-ALCOHOL1/2	0.5 Litre bottle of isopropyl alcohol.	2,00 €
FO-ALCOHOL1L	1 Litre bottle of isopropyl alcohol.	4,15 €
FO-PANOS-S	Box with 280 antistatic cloths, to moisten in isopropyl alcohol.	3,15 €
FO-TOALLITAS	Individual cleaning wipe, impregnated with Isopropyl alcohol.	0,13 €
FO-BOLI	One-Click SC cleaning pen, 800 uses.	16,00 €
FO-FCC300	Universal Fibre Connector Cleaner FC, SC, ST, LC and MU. <a href="#">Jonard Tools</a>	57,46 €
FO-FCC120	Cleaning pen, MPO fibre connector, more than 500 uses. <a href="#">Jonard Tools</a>	70,47 €
FO-FCC125	Cleaning pen, 1.25mm LC fibre connector, more than 800 uses. <a href="#">Jonard Tools</a>	53,13 €
FO-FCC250	Cleaning pen, SC, FC and ST 2.5mm fibre connector, more than 800 uses. <a href="#">Jonard Tools</a>	53,13 €
FO-FDC66	Bin for fibre scraps, dispose safely of cut fibre tips. <a href="#">Jonard Tools</a>	4,17 €
FO-DW90	Wet wipes for fibre cleaning, 90 units. <a href="#">Jonard Tools</a>	13,47 €
FO-FCF3	Non-flammable fibre cleaning fluid. More than 650 cleanings. <a href="#">Jonard Tools</a>	24,78 €
FO-TK182	Cleaning Kit, includes: FCC125, FCC250, Dry wipes, FCF-3 (Cleaning fluid) and H-20 (Case). <a href="#">Jonard Tools</a>	144,42 €
FO-TK184	Connector Clean and Prep Kit, Precision Cleaver, includes: JIC375, FC500, FW-50, H-20, VFL-25. <a href="#">Jonard Tools</a>	347,57 €



**ACCESSORIES**

**Pasacables**

Anguilla Professional fish-tails, suitable for installations in homes, commercial premises, offices, workshops, industrial buildings and places where the conduit used is of a small diameter, but over relatively long distances.



FO-15240012	Fish-tail <b>Flesh</b> STANDARD – BI-NYLON Monofilament Ø4mm – 12 metres. (Economical) - Includes 4 accessories.	7,13 €
FO-15240022	Fish-tail <b>Flesh</b> STANDARD – BI-NYLON Monofilament Ø4mm – 22 metres. (Economical) - Includes 4 accessories.	11,26 €
FO-65040012	Fish-tail <b>Purple</b> STANDARD – STEEL + NYLON Ø4mm – 12 metres. (Balanced) - Includes 4 accessories.	15,68 €
FO-65040022	Fish-tail <b>Purple</b> STANDARD – STEEL + NYLON Ø4mm – 22 metres. (Balanced) - Includes 4 accessories.	23,45 €
FO-73300012	Fish-tail <b>Green</b> PREMIUM – POLYESTER Braided Monofilamento Ø3mm – 12 metres. (Narrow Tubing) - "Without accessories".	36,71 €
FO-73300018	Fish-tail <b>Green</b> PREMIUM – POLYESTER Braided Monofilamento Ø3mm – 18 metres. (Narrow Tubing) - "Without accessories".	55,06 €
FO-75045012	Fish-tail <b>Blue</b> PREMIUM – POLYESTER Triple Braided Ø4,5mm – 12 metres. (Curved Tubing) - Includes 8 accessories.	66,29 €
FO-75045022	Fish-tail <b>Blue</b> PREMIUM – POLYESTER Triple Braided Ø4,5mm – 22 metres. (Curved Tubing) - Includes 8 accessories.	106,92 €
FO-75145012	Fish-tail <b>Orange</b> PREMIUM – POLYESTER Braided Monofilament Ø4,5mm – 12 metres. (Straight Tubing) - Includes 8 accessories.	60,24 €
FO-75145022	Fish-tail <b>Orange</b> PREMIUM – POLYESTER Braided Monofilament Ø4,5mm – 22 metres. (Straight Tubing) - Includes 8 accessories.	97,20 €
FO-75330006	Fish-tail <b>Green</b> PREMIUM – POLYESTER Braided Monofilamento Ø3mm – 6 metres. (Narrow Tubing) - Includes 8 accessories.	28,51 €
FO-75330012	Fish-tail <b>Green</b> PREMIUM – POLYESTER Braided Monofilamento Ø3mm – 12 metres. (Narrow Tubing) - Includes 8 accessories.	46,33 €
FO-75330018	Fish-tail <b>Green</b> PREMIUM – POLYESTER Braided Monofilamento Ø3mm – 18 metres. (Narrow Tubing) - Includes 8 accessories.	64,15 €
FO-71450030	Fish-tail <b>Orange</b> PREMIUM – POLYESTER Braided Monofilament Ø4,5mm – 30 metres. (Straight Tubing) - Includes 2 accessories.	135,43 €

FO-46015000  
FO-46016000



FO-46020000



FO-46030000



FO-30617100



INDUSTRIAL Fish-tail

FO-31118200



INDUSTRIAL Fish-tail

FO-41200001



FO-46015000	Duplogel GEL Lubricant, Introduction 0,5 L.	5,14 €
FO-46016000	Duplogel GEL Lubricant, Introduction 1 L.	8,34 €
FO-46020000	Duplogel GEL Lubricant, Introduction 0,5 L.	5,14 €
FO-46030000	Spray Lubricant FOAM 400ml.	6,41 €
FO-30617100	Fish-tail <b>Yellow</b> colour INDUSTRIAL. - Includes 3 accessories. Fiberglass + POLYPROPYLENE Ø6mm – 100 meters + Container.	402,73 €
FO-31118200	Fish-tail <b>Yellow</b> colour INDUSTRIAL. - Includes 2 accessories. Fiberglass + POLYPROPYLENE Ø11mm – 200 metres + Container.	1.283,04 €
FO-41200001	KIT Cable Grommet Accessory Set 8und. Max Braid Ø6mm M5.	13,19 €



\* A wide range of Industrial Fish-tails is available, contact [tecnico@anvimur.com](mailto:tecnico@anvimur.com)



ACCESSORIES

**Professional Labelling**

If a professional labelling solution is needed for the office, industry or home, Brother P-touch laminated labels have been designed with this in mind. Brother have put themselves in the users' place to know exactly when, where and how their labels are used, to put them through a series of rigorous tests, which means that even when exposed to abrasion, heat, cold, sunlight, water and chemicals, Brother's labels are built to last.

**PTE550W**



**PACK INCLUDES:**

- AC Adapter, Battery, USB Cable, Carrying Case and 4 tapes:
- TZeFX231.
- TZe241.
- TZe251.
- TZe641.

**PTE110U1**



**PACK INCLUDES:**

- Quick Guide.
- Flexible laminated tape TZe Black\_White 12mm - 4mts.
- \* Does not include (6) AAA batteries.

<b>PTE550W</b>	Handheld Labeling Tool Brother PT-E550W with PC and WiFi connection	<b>175,00 €</b>
<b>PTE110U1</b>	Professional Portable Electronic Label Printer Brother PT-E110.	<b>27,00 €</b>



Super Adhesive



Flexibles



Shrink tubing



Metallic

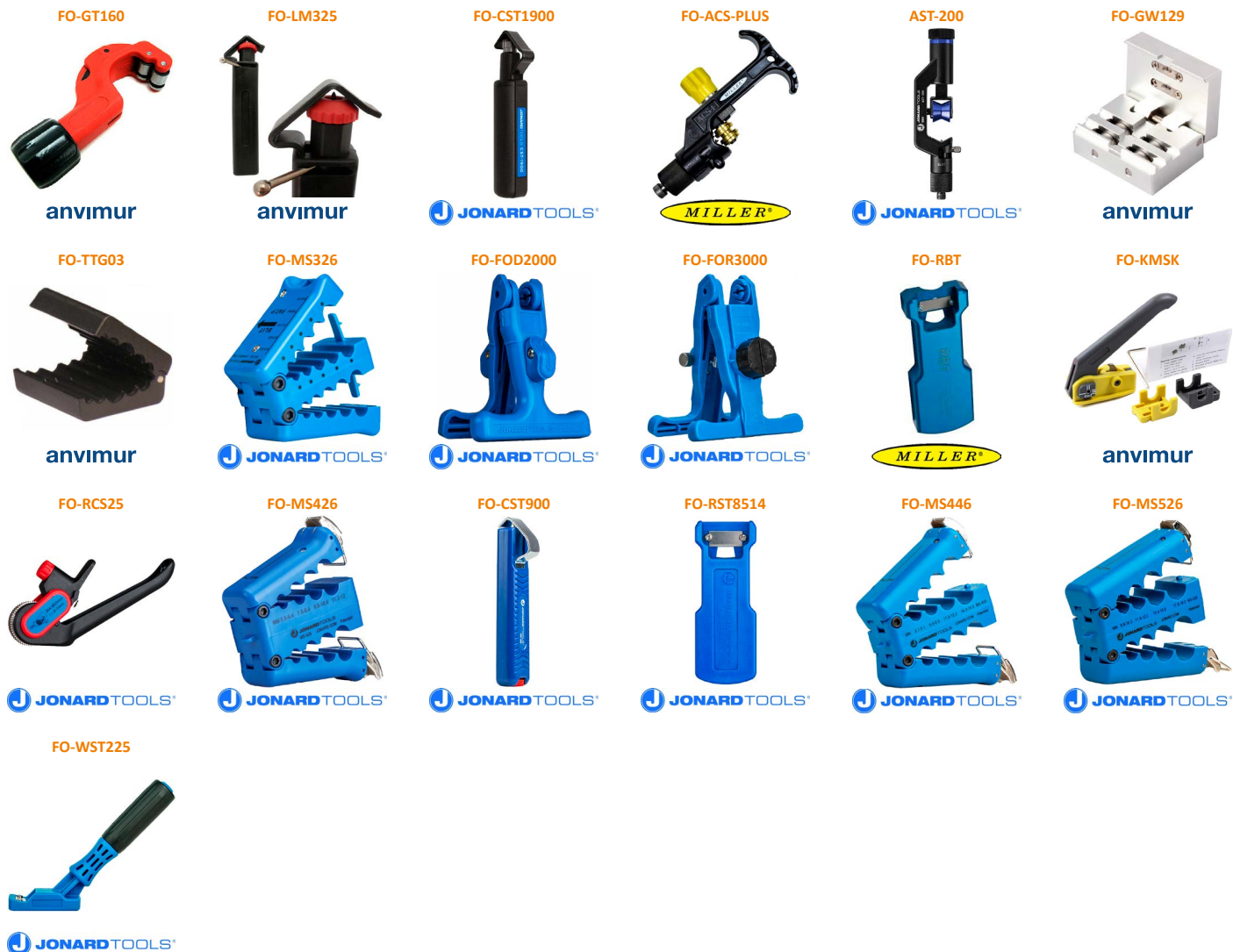
<b>TZES621</b>	Brother P-Touch <b>super adhesive</b> tape YELLOW text BLACK 9mm   8m	<b>12,77 €</b>
<b>TZES231</b>	Brother P-Touch <b>super adhesive</b> tape WHITE text BLACK 12mm   8m	<b>13,96 €</b>
<b>TZES241</b>	Brother P-Touch <b>super adhesive</b> tape WHITE text BLACK 18mm   8m	<b>16,23 €</b>
<b>TZES641</b>	Brother P-Touch <b>super adhesive</b> tape YELLOW text BLACK 18mm   8m	<b>16,23 €</b>
<b>TZES221</b>	Brother P-Touch <b>super adhesive</b> tape WHITE text BLACK 9mm   8m	<b>12,77 €</b>
<b>TZES251</b>	Brother P-Touch <b>super adhesive</b> tape WHITE text BLACK 24mm   8m	<b>18,50 €</b>
<b>TZES651</b>	Brother P-Touch <b>super adhesive</b> tape YELLOW text BLACK 24mm   8m	<b>18,50 €</b>
<b>TZEFX631</b>	Brother P-Touch <b>flexible</b> tape YELLOW text BLACK 12mm   8m	<b>14,80 €</b>
<b>TZEFX231</b>	Brother P-Touch <b>flexible</b> tape WHITE text BLACK 12mm   8m	<b>13,96 €</b>
<b>TZEFX241</b>	Brother P-Touch <b>flexible</b> tape WHITE text BLACK 18mm   8m	<b>16,22 €</b>
<b>TZEFX251</b>	Brother P-Touch <b>flexible</b> tape WHITE text BLACK 24mm   8m	<b>19,10 €</b>
<b>TZEFX641</b>	Brother P-Touch <b>flexible</b> tape YELLOW text BLACK 18mm   8m	<b>16,23 €</b>
<b>TZEFX211</b>	Brother P-Touch <b>flexible</b> tape WHITE text BLACK 6mm   8m	<b>11,66 €</b>
<b>TZEFX221</b>	Brother P-Touch <b>flexible</b> tape WHITE text BLACK 9mm   8m	<b>12,77 €</b>
<b>HSE211</b>	Brother P-touch heat <b>shrink tubing</b> tape WHITE text BLACK 5.8mm   1.5m	<b>17,11 €</b>
<b>HSE221</b>	Brother P-touch heat <b>shrink tubing</b> tape WHITE text BLACK 8.8mm   1.5m	<b>18,78 €</b>
<b>TZEM951</b>	Brother P-touch <b>Metallic</b> tape SILVER MATTE text BLACK 24mm   8M	<b>18,50 €</b>



## TOOLS

### Cutter/ Stripper for OUTER JACKETS

Tools ideal for removing outer jackets on cables and fibre optic tubes.



FO-GT160	Cross-section slitter, removes polyethylene jackets quickly, safely and accurately. For cables Ø 3 a 32 mm.	16,00 €
FO-LM325	Longitudinal and radial slitter, removes Ø 4.5 a 25 mm cable jackets .	19,00 €
FO-CST1900	Adjustable slitters Ø 4.5 to 29 mm for PE, PVC and Rubber.	39,91 €
FO-ACS-PLUS	Longitudinal and Cross-section cutter for shielded ACS+ cables. Adjustable from Ø 4 to 28.6 mm.	120,00 €
AST-200	Longitudinal and radial slitter for shielded and non-shielded optic fibre cable Adjustable from Ø 4 to 28.6 mm.	94,43 €
FO-GW129	Longitudinal slitter for shielded cables, 2 lanes of Ø 3 x 5 mm.	60,00 €
FO-TTG03	Double longitudinal cut. It quickly, safely and precisely removes polyethylene jackets. 5 lanes from Ø 4.5 to 11 mm.	78,00 €
FO-MS326	Precision Longitudinal and radial jacket cutter with turner. 10 lanes from Ø 5 to 10 mm.	97,41 €
FO-FOD2000	Two-sided stripper for jackets. For cables Ø 3.2 a 9.6 mm.	42,71 €
FO-FOR3000	Longitudinal and Cross-section cutter for optic fibre jackets. For cables Ø 9 to 19 mm.	77,35 €
FO-RBT	Longitudinal Tube Shaver for Ø 8.5, 10.5 and 14-mm RISER cables with no tool adjustment.	110,02 €
FO-KMSK	Longitudinal secure cutter for Copper, Steel or Aluminum jackets of different thicknesses. Adjustable from Ø 8 to 28.6 mm.	63,70 €
FO-RCS25	Longitudinal, radial and spiral slitter for the extraction of the PE jacket. Adjustable a Ø 4.5 - 29 mm.	115,52 €
FO-MS426	Longitudinal and radial mid-section cutter, Ø 5.8 to 6.4 mm   7.8 to 8.4 mm   9.8 - 10.4 mm   11.2 - 12.0 mm. for 5.000 cuts.	134,22 €
FO-CST900	Round Cable Strip & Ring Tool, 8-28 mm	11,90 €
FO-RST8514	Longitudinal cut for Ø8-14mm cables.	82,45 €
FO-MS446	Longitudinal and radial mid-section cutter, Ø 8.7-9,1 mm   9.5-9.9 mm   11.8-12.2 mm   14.2-14.6 mm. for 5.000 cuts.	158,87 €
FO-MS526	Longitudinal and radial mid-section cutter, Ø 9.8-10.2 mm   11.8-12.2 mm   15.4-15.8 mm   17.8-18.2 mm. for 5.000 cuts.	150,62 €
FO-WST225	Longitudinal cut for Ø8.5 – 14 mm cables.	88,83 €



## TOOLS

### Cutter/ Stripper for LOOSE TUBES

Tools ideal for removing loose tubes from the fibre optical cables.



FO-LM223H	Calibrated Tool, for jacket $\varnothing$ 2 a 3 mm, buffer 250um and 900um.	16,80 €
FO-LMS144H	Removal of tight jackets and buffers. Adjustable $\varnothing$ 2 – 3, $\varnothing$ 250 $\mu$ m and $\varnothing$ 125 $\mu$ m.	23,00 €
FO-LP	Triple Proskit Stripper, buffer of 900um, jackets $\varnothing$ 2 – 3 mm, acrylate 125um.	13,50 €
FO-JIC275	Fibre Optical Cable Stripper with two apertures.	31,45 €
FO-JIC375	Fibre Optical Cable Stripper with three apertures.	25,50 €
FO-JIC1022	Cable Stripper braided pair and fibre jackets $\varnothing$ 0.6   0.8   1.0   1.3   1.6   2.0   2.6 mm.	8,50 €
FO-JIC1626	Cable Stripper braided pair and fibre jackets $\varnothing$ 0.4   0.5   0.65   0.8   1.0   1.3 mm.	8,50 €
FO-MILLER	Adjustable tool for the removal of tight jackets and buffers.	85,00 €
FO-FTS	Professional tube cutter. Access Tube Sizes 1.6mm a 6.0mm.	17,85 €
FO-SAN001	Fibre optic bleeder, 1 channel loose tube $\varnothing$ 3.7 mm.	195,00 €
FO-SAN003	Fibre optic bleeding 2 channels loose tube $\varnothing$ 2.5 and 3 mm.	199,00 €
FO-SLTOCT	Double longitudinal cut. Jackets (non-metallic cable) and pre-connected patch cord buffer: $\varnothing$ 1.9   2.4   2.9   3.3 mm. (1 und.)	24,50 €
FO-MS6	Precision tube cutter for $\varnothing$ 1.2 - 1.5   1.5 - 1.8   1.8-2,1   2.1-2.5   2.5-2.9   2.9-3.3 mm.	61,46 €
FO-MS26	Precision tube cutter for $\varnothing$ 2.9-3.6   3.6-4.4   4.4-5.2   5.2-6.0   6.0-6.8 mm.	70,76 €
FO-BTR6	Loose tube radial cutter. Tube size $\varnothing$ 6mm and 1mm thickness.	14,79 €
FO-MS306	Radial and Longitudinal for Mid-Section cut ( $\varnothing$ 1.2 – 3.3 mm).	83,22 €
FO-MS316	Radial and Longitudinal for Mid-Section cut ( $\varnothing$ 2.9 – 6.8 mm).	90,31 €
FO-FDS312	Stripper for FLAT cables with FRP or steel lateral reinforcements. For cables $\varnothing$ 3.1 x 2.0mm.	22,31 €

## TOOLS

### Cutter/ Stripper for LOOSE TUBES



<b>FO-LM45162</b>	For stripping the loose tube jacket. Adjustable blades up to $\varnothing$ 3.2 mm.	22,00 €
<b>FO-LM45163</b>	For stripping the loose tube jacket. Adjustable blades from $\varnothing$ 3 to 5.5 mm.	26,00 €
<b>FO-CSR1575</b>	Rotary cutting tool up to $\varnothing$ 7.5 mm.	16,75 €
<b>EZSR-23</b>	Fiber Slit & Ring Tool for SC & LC Splice-On Connectors.	134,22 €
<b>FO-DROPSTR</b>	Stripper for flat drop cable $\varnothing$ 2.0 x 3.0 mm.	11,00 €
<b>FO-CF</b>	Professional Stripper $\varnothing$ 1.6 a 3 mm. Central feeding and longitudinal peeling measurements. Suitable for mechanical connector cutting.	176,64 €
<b>FO-MSAT</b>	Precision bleeding tool, tubes $\varnothing$ 1.8 to 3.2 mm.	263,19 €
<b>FO-MSAT16</b>	Professional loose tube bleeding tool. 16 tube diameter settings from $\varnothing$ 1 to 3 mm.	101,15 €
<b>FO-FDS2-3</b>	Precision Miller Tool for Flat Cable Jackets on Tubing $\varnothing$ 2 & 3 mm.	500,45 €
<b>FO-MSAT-X</b>	Precision bleeding tool, tubes $\varnothing$ 1.9 to 5.0 mm.	105,66 €

### Cutter/ Stripper TUBES & KEVLAR



<b>FO-FOKC</b>	Designed to cut Kevlar® reinforcing elements in fibre optic cables.	26,55 €
<b>FO-KS1</b>	Lightweight scissors ideal for cutting Kevlar® reinforcing elements found in fibre optic cable construction.	17,12 €
<b>FO-JIC186</b>	Professional Scissors for cutting Kevlar® and Wire.	12,50 €
<b>FO-MDC14</b>	Tube, conduit and micro-duct cutter $\varnothing$ 14 mm.	7,27 €
<b>FO-MDC64</b>	Large tube and duct cutter. Maximum diameter of duct $\varnothing$ 64 mm.	33,36 €
<b>FO-UKN3</b>	Heavy duty multi-purpose cutter.	9,86 €
<b>FO-KN100INS</b>	Curved blade knife and an insulated handle, for cutting the coating without damaging the interior conductor insulation.	19,55 €
<b>FO-MDC28</b>	Large tube and duct cutter. Maximum diameter of duct $\varnothing$ 28 mm.	36,55 €



**TOOLS**

**ACCESSORIES & KITS**

FO-STR



FO-TK350

FO-PISTOLA



FO-MSB1533  
FO-MSB2968

FO-TOOLSC



FO-MS306RB  
FO-MSB5010

FO-FCT100



FO-TK182

FO-FIM400



FO-TK184



Professional CLEANING KIT



Professional CLEANING KIT



AST-200RB



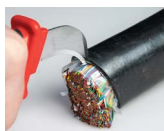
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FO-ROD3316



FO-STR	Steel band remover tool for shielded Drop Cables.	37,00 €
FO-PISTOLA	Air pump for high performance shutters.	78,00 €
FO-TOOLSC	Tool for safely inserting and removing SC connectors.	13,00 €
FO-FCT100	Professional tool of the insertion and removal of SC/LC, MU, MT-RJ connectors.	30,26 €
FO-FIM400	Microscope for inspecting fibre.	158,44 €
FO-TK350	Fibre kit with Kevlar® cleaver.	45,56 €
FO-MSB1533	Set of Spare Blades for the MS-6 cleaver.	26,56 €
FO-MSB2968	Set of Spare Blades for the MS-26 cleaver.	29,62 €
FO-MS306RB	Set of Spare Blades for the MS-306 cleaver.	49,94 €
FO-MSB5010	Set of Spare Blades for the MS-326 cleaver.	43,56 €
FO-TK182	Cleaning Kit, includes: FCC125, FCC250, Dry Wipes, FCF-3 (cleaning fluid) y H-20 (case).	144,41 €
FO-TK184	Cleaning Kit, includes: JIC375, FC500, FW-50, H-20, VFL-25.	347,57 €
AST-200RB	Replacement Blade for AST-200 CableSaber™ (Pack of 2).	38,42 €
FO-ROD3316	Coated Fiberglass Rodder, 3/16" x 300'.	365,50 €





## PATCH CORDS

The Patch Cords are manufactured comply with the requirements of IEC, ANSI/TIA/EIA Normatives and Telcordia.

### SC/APC

SC/APC to SC/APC Patch cords, SM9/125 G657A2 Single-mode fibre.

SC/APC	Product	Length   Diameter	Price
	FO-LAPC0.5M	0,5 metres   Ø2mm	1,30 €
	FO-LAPC0.6M-3	0,6 metres   Ø3mm	1,45 €
	FO-LAPC1M-K	1 metre   Ø2mm	1,25 €
	FO-LAPC1M-3	1 metre   Ø3mm	1,30 €
	FO-LAPC1.5M	1,5 metres   Ø2mm	1,30 €
	FO-LAPC2M-K	2 metres   Ø2mm	1,37 €
	FO-LAPC2M-3	2 metres   Ø3mm	1,50 €
	FO-LAPC3M	3 metres   Ø2mm	1,70 €
	FO-LAPC3M-3	3 metres   Ø3mm	1,70 €
	FO-LAPC5M	5 metres   Ø2mm	1,50 €
	FO-LAPC5M-3	5 metres   Ø3mm	1,85 €
	FO-LAPC10M-3	10 metres   Ø3mm	2,35 €
	FO-LAPC15M	15 metres   Ø2mm	2,20 €
	FO-LAPC15M-3	15 metres   Ø3mm	2,20 €
	FO-LSCAD2M	2 metres   Ø2mm DUPLEX	2,60 €
	FO-LAPC1.5M-MET	1,5 mts   Ø2,8mm METAL	1,95 €
	FO-LAPC2.5M-MET	2,5 mts   Ø2,8mm METAL	2,60 €
	FO-LAPC2M-CRE	2 metres   Ø2mm CREAM	1,30 €
	FO-LAPC2M3-CRE	2 metres   Ø3mm CREAM	1,50 €

### SC/APC - SC/UPC

Latiguillos SC/APC a SC/APC fibra SM9/125 G657A2 Monomodo, amarillo/crema.

SC/APC SC/UPC	Product	Length   Diameter	Price
	FO-LSCAPUP1	1 metre   Ø2mm	1,25 €
	FO-LSCAPUP1.5	1,5 metres   Ø2mm	1,30 €
	FO-LSCAPUP1.5M-3	1,5 metres   Ø3mm	1,55 €
	FO-LSCAPUP2	2 metres   Ø2mm	1,30 €
	FO-LSCAPUP3	3 metres   Ø2mm	1,40 €
	FO-LSCAPUP3-3	3 metres   Ø3mm	1,50 €
	FO-LSCAPUP5	5 metres   Ø2mm	1,70 €
	FO-LSCAPUP5-3	5 metres   Ø3mm	1,95 €
	FO-LSCAPUP10	10 metres   Ø2mm	2,00 €
	FO-LSCAPUP10-3	10 metres   Ø3mm	2,10 €
	FO-LSCAPUP15-3	15 metres   Ø3mm	2,25 €
	FO-LSCAPUP1.5-MET	1,5 metres   Ø2,8mm METAL	2,25 €
	FO-LSCAPUP2.5-MET	2,5 metres   Ø2,8mm METAL	3,20 €
	FO-LSCAPUP2M-CRE	2 metres   Ø2mm CREAM	1,40 €
	FO-LSCAPUP2M3-CRE	2 metres   Ø3mm CREAM	1,50 €
	FO-LSCUPUP1.5	1,5 metres   Ø2mm SC/UPC	1,30 €
	FO-LSCUPUP5	5 metres   Ø2mm SC/UPC	1,90 €
	FO-LSCUPUP5-3	5 metres   Ø3mm SC/UPC	1,80 €

### SC/APC SC/UPC

BREAKOUT CABLE - SC/APC to SC/UPC Patch cord SM9/125 G657A1 single-mode fibre, yellow.



FO-8SCAPUP10M	8 SC   10 metres   Ø2mm	24,00 €
FO-16SCAPUP10M	16 SC   10 metres   Ø2mm	35,00 €



### SC, LC & DUPLEX



LC/UPC, LC/APC, SC/APC, SC/UPC Patch Cords. SM9/125 G657A2 Single-mode fibre, Diameter Ø2mm, Yellow cable

FO-LLCUPSCUP1	LC/UPC to SC/UPC 1 metre	1,30 €	FO-LLCUPPLCUP1D	LC/UPC to LC/UPC 1 metre DUPLEX	2,35 €
FO-LLCUPSCUP2	LC/UPC to SC/UPC 2 metres	1,40 €	FO-LLCUPPLCUP1.5D	LC/UPC to LC/UPC 1,5 mtrs DUPLEX	2,50 €
FO-LLCUPSCUP3	LC/UPC to SC/UPC 3 metres	1,50 €	FO-LLCUPPLCUP3	LC/UPC to LC/UPC 3 metres	1,57 €
FO-LLCUPSCUP3D	LC/UPC to SC/UPC 3 metres DUPLEX	2,65 €	FO-LLCUPPLCUP3D	LC/UPC to LC/UPC 3 metres DUPLEX	0,50 €
FO-LLCUPSCUP7	LC/UPC to SC/UPC 7 metres	2,40 €	FO-LLCAPSCAP1	LC/APC to SC/APC 1 metre	1,35 €
FO-LLCUPSCUP10	LC/UPC to SC/UPC 10 metres	1,90 €	FO-LLCAPSCAP2	LC/APC to SC/APC 2 metres	1,40 €
FO-LLCUPSCAP3	LC/UPC to SC/APC 3 metres	1,50 €	FO-LLCAPSCAP3	LC/APC to SC/APC 3 metres	1,50 €
FO-LLCUPSCAP3D	LC/UPC to SC/APC 3 metres DUPLEX	1,50 €	FO-LLCAPSCAP10	LC/APC to SC/APC 10 metres	2,75 €

### Pigtails SC



SC/APC and SC/UPC Pigtails, SM9/125 G657A2 Single-mode fibre, Simplex.

FO-PAPC-K	1,5 metres   Ø900µm SC/APC	0,73 €
FO-PAPC-K2.5	2,5 metres   Ø900µm SC/APC	0,82 €
FO-PUPC-K	1,5 metres   Ø900µm SC/UPC	0,80 €
FO-PAPC-250UM	1,5 metres   Ø250µm SC/APC	0,99 €
FO-PAPC-K12C	1,5 metres   Ø900µm SC/APC KIT 12 pigtailed With Colours	7,60 €
FO-PLC-K	1,5 metres   Ø900µm LC/UPC	0,80 €



## PATCH CORDS

### Pre-connected Drop Cables

Pre-connected Drop Cables with SC / APC connector at one end, save time and difficulty in direct installations from the distribution box to the subscriber access point or telecommunications rooms in buildings. They are perfect to be inputted through electrical conduits or difficult areas. They can be stapled directly to the facade.

- Indoor Drop Cable, ICT-2; LSZH + FRP. FTTH SM9/125 G657.A1 SC/APC connector:**

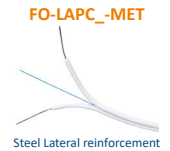
LSZH + FRP: Comprised of zero halogen, low smoke emission, flame retardant + Reinforced plastic lateral reinforcements (or "x-MET" steel).

FO-LAPC20	1 Fibre   Ø3x2mm   20 metres.	2,50 €
FO-LAPC30	1 Fibre   Ø3x2mm   30 metres.	2,80 €
FO-LAPC40	1 Fibre   Ø3x2mm   40 metres.	3,50 €
FO-LAPC60	1 Fibre   Ø3x2mm   60 metres.	4,95 €
FO-LAPC80	1 Fibre   Ø3x2mm   80 metres.	6,20 €
FO-LAPC100	1 Fibre   Ø3x2mm   100 metres.	7,50 €
FO-LAPC60X2	2 Fibras red/blue   Ø3x2mm   60 metres.	9,50 €
FO-LAPC2RV20	2 Fibras red/green   Ø4mm   20 metres.	7,70 €
FO-LAPC2RV40	2 Fibras red/green   Ø4mm   40 metres.	15,02 €
FO-LAPC2RV60	2 Fibras red/green   Ø4mm   60 metres.	19,60 €



Acometida Interior "con refuerzos laterales de acero"

FO-LAPC40-MET	1 Fibre   Ø3x2mm   40 metres.	3,90 €
FO-LAPC60-MET	1 Fibre   Ø3x2mm   60 metres.	5,10 €
FO-LAPC80-MET	1 Fibre   Ø3x2mm   80 metres.	6,30 €
FO-LAPC100-MET	1 Fibre   Ø3x2mm   100 metres.	10,50 €



- Indoor / Outdoor Drop Cable, double jacket; PE + LSZH + Kevlar + Plastic tube. UV treatment, fibre SM9/125 G657.A2 SC/APC connector:**

PE + LSZH + Kevlar + T: Polyethylene, very low water absorption and flammable (exterior Ø3.5mm) + Zero halogen compound, low smoke emission, flame retardant and UV treatment (interior Ø 0.9mm) + Kevlar / Aramid + Flame retardant thermoplastic.



FO-LA20EXT-B	1 Fibre   Ø3,5mm   20 metres.	4,20 €
FO-LA30EXT-B	1 Fibre   Ø3,5mm   30 metres.	6,50 €
FO-LA40EXT-B	1 Fibre   Ø3,5mm   40 metres.	7,75 €
FO-LA60EXT-B	1 Fibre   Ø3,5mm   60 metres.	11,80 €
FO-LA80EXT-B	1 Fibre   Ø3,5mm   80 metres.	15,00 €
FO-LA100EXT-B	1 Fibre   Ø3,5mm   100 metres.	18,30 €
FO-LA150EXT-B	1 Fibre   Ø3,5mm   150 metres.	30,00 €

- Outdoor Drop Cable, double jacket; PE + LSZH + Kevlar + Plastic tube. UV treatment, fibre SM9/125 G657.A2 SC/APC connector:**

PE + LSZH + Kevlar + T: Polyethylene, very low water absorption and flammable (exterior Ø3.5mm) + Zero halogen compound, low smoke emission, flame retardant and UV treatment (interior Ø 0.9mm) + Kevlar / Aramid + Flame retardant thermoplastic.



FO-LAPC20-EXT	1 Fibre   Ø3,5mm   20 metres.	4,75 €
FO-LAPC30-EXT	1 Fibre   Ø3,5mm   30 metres.	6,00 €
FO-LAPC40-EXT	1 Fibre   Ø3,5mm   40 metres.	8,10 €
FO-LAPC60-EXT	1 Fibre   Ø3,5mm   60 metres.	12,25 €
FO-LAPC80-EXT	1 Fibre   Ø3,5mm   80 metres.	15,30 €
FO-LAPC100-EXT	1 Fibre   Ø3,5mm   100 metres.	17,00 €
FO-LAPC150-EXT	1 Fibre   Ø3,5mm   150 metres.	29,20 €
FO-LAPC200-EXT	1 Fibre   Ø3,5mm   200 metres.	36,20 €
FO-LAPC300-EXT	1 Fibre   Ø3,5mm   300 metres.	50,00 €

- Shielded Anti-Rodent Outdoor Drop Cable; PE + Kevlar + Steel + Flame retardant thermoplastic, SM9/125 G657.A2 fibre SC/APC connector:**

PE + Kevlar + Acero + T: Polyethylene, very low water absorption and flammable (exterior) + Kevlar or aramid + Steel shield + Flame retardant thermo plastic.



FO-LAPC60ARM-EXT	1 Fibre   Ø3x2mm   60 metres.	18,15 €
FO-LAPC80ARM-EXT	1 Fibre   Ø3x2mm   80 metres.	25,50 €
FO-LAPC100ARM-EXT	1 Fibre   Ø3x2mm   100 metres.	33,00 €
FO-LAPC150ARM-EXT	1 Fibre   Ø3x2mm   150 metres.	40,00 €
FO-LAPC200ARM-EXT	1 Fibre   Ø3x2mm   200 metres.	57,40 €

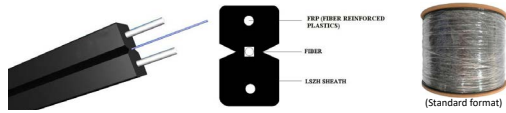
## REELS OF FIBRE


### FTTH Drop Cable Reels

Spools of Optical Fibre Drop Cables Single-mode G657.A.

- Reel of Drop Flat Cable; FTTH fibre SM9/125 G657.A1 Black Colour:**

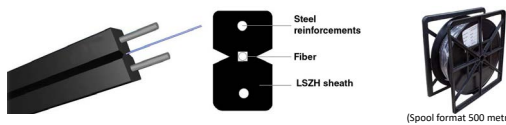
LSZH + FRP: Zero halogen composite thermoplastic exterior, low smoke emission, flame retardant and reinforced plastic side reinforcements.





<b>FO-ANFO1COREN</b>		1 Fibre   Ø 3.0 x 2.0 mm   2.000 metres.	<b>114,00 €</b>
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- Reel of Drop Flat Cable; FTTH fibre SM9/125 G657.A1 Black Colour:**

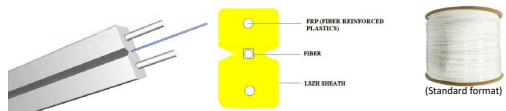
LSZH + Steel: Zero halogen thermoplastic composite exterior, low smoke emission, flame retardant and **steel side reinforcements**.





<b>FO-ANFO1COREN-MET</b>		1 Fibre   Ø 3.0 x 2.0 mm   <b>1.000 metres</b>   Metal.	<b>65,00 €</b>
<b>FO-ANFO2COREN-500M</b>		2 Fibras   Ø 3.0 x 2.0 mm   <b>500 metres</b>   Metal.	<b>50,00 €</b>

- Reel of Drop Flat Cable; FTTH fibre SM9/125 G657.A1 White Colour:**

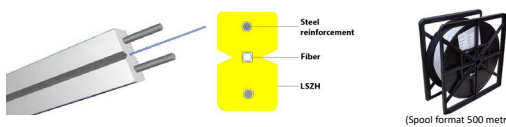
LSZH + FRP: Zero halogen composite thermoplastic exterior, low smoke emission, flame retardant and lateral reinforced plastic reinforcements.





<b>FO-ANFO1CORE</b>		1 Fibra   Ø 3.0 x 2.0 mm   2.000 metres.	<b>115,00 €</b>
<b>FO-ANFO2CORE-S</b>		2 Fibras   Ø 3.0 x 2.0 mm   2.000 metres.	<b>167,00 €</b>

- Reel of Drop Flat Cable; FTTH fibre SM9/125 G657.A1 White Colour:**

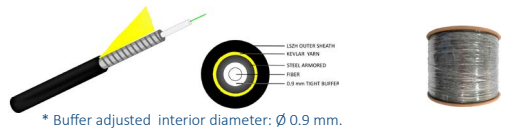
LSZH + Steel: Zero halogen thermoplastic composite exterior, low smoke emission, flame retardant and **lateral steel reinforcements**.






<b>FO-ANFO1CORE-S-MET</b>		1 Fibre   Ø 3.0 x 2.0 mm   <b>1.000 metres</b>   Metal.	<b>55,50 €</b>
<b>FO-ANFO2CORE-S-500M</b>		2 Fibras   Ø 3.0 x 2.0 mm   <b>500 metres</b>   Metal.	<b>46,30 €</b>

- Reel of Round Drop Cable; FTTH fibre SM9/125 G657.A2 Black Colour | Spools 1.000 metres:**

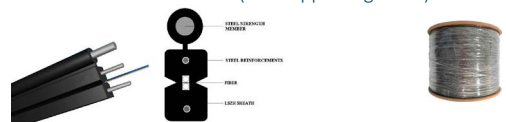
LSZH + Kevlar + Acero: Exterior thermoplastic compound zero halogens, low smoke emission, flame retardant, anti-rodent Kevlar and steel.






<b>FO-ANFO1COREN-ARM</b>		1 Fibre   Ø 3.0 mm   <b>1.000 metres</b>   Shielded.	<b>260,00 €</b>
<b>FO-ANFO2COREN-ARM</b>		2 Fibras   Ø 4.5 mm   <b>1.000 metres</b>   Shielded.	<b>315,00 €</b>
<b>FO-ANFO4COREN-ARM</b>		4 Fibras   Ø 4.8 mm   <b>1.000 metres</b>   Shielded.	<b>550,00 €</b>

- Reel of Flat Drop Cable with guide; FTTH fibre SM9/125 G657.A2 Black Colour | Spools 2.000 metres:**

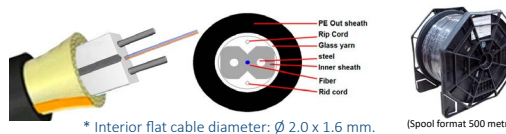
LSZH + Acero + Fiador: Zero halogen thermoplastic composite exterior, low smoke emission, flame retardant, lateral steel reinforcements and steel catch (self-supporting cable).






<b>FO-ANFO1COREN+F</b>		1 Fibre   Ø 5.3 x 2.0 mm   2.000 metres   Metal.	<b>185,00 €</b>
<b>FO-ANFO2COREN+F</b>		2 Fibras   Ø 5.3 x 2.0 mm   2.000 metres   Metal.	<b>198,00 €</b>
<b>FO-ANFO4COREN+F</b>		4 Fibras   Ø 5.3 x 2.0 mm   2.000 metres   Metal.	<b>233,00 €</b>

- Double Deck Cable Reel; FTTH fibre SM9/125 G657.A2 Black Colour:**

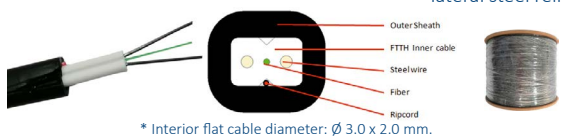
PE + Kevlar + LSZH + Steel: Exterior Polyethylene composed of LSZH, Kevlar, thermoplastic composed of zero halogens, low smoke emission, flame lateral steel reinforcements.




<b>FO-ANFO1CORENPE</b>		1 Fibre   Ø 5.0 mm   1.000 metres   Metal.	<b>260,00 €</b>
<b>FO-ANFO2CORENPE</b>		2 Fibras   Ø 5.0 mm   1.000 metres   Metal.	<b>275,00 €</b>
<b>FO-ANFO2CORENPE-500M</b>		2 Fibras   Ø 5.0 mm   <b>500 metres</b>   Metal.	<b>170,00 €</b>

- Double Deck Cable Reel; FTTH fibre SM9/125 G657.A2 Black Colour:**

PE + RipCord + LSZH + Steel: Exterior Polyethylene composed of LSZH, RipCord, thermoplastic composed of zero halogens, low smoke emission, flame lateral steel reinforcements.



<b>FO-ANFO1COREN-P</b>		1 Fibras   Ø 5.0 x 4.0 mm   1.000 metres   Metal.	<b>195,00 €</b>
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## REELS OF FIBRE

### Monotube and Multitube FTTH Spools

**Single-mode** fibre optic cable spools, dielectric optical cables with rodent protection (VP). Different types of fibre and configurations available upon request. Fibre according to ITU-T recommendations. WB dry core and SZ wiring. Anvimur Telecomunicaciones only supplies fibre optic cables, manufactured in Europe, in order to offer its customers, the highest quality guarantee.



- **TELNET:** Glass fibre and polyethylene jacket. Spools of approx. 2,000m.

FO-CVP2TELNET	2 Fibras   FVP   Ø8,2mm   <i>Monotube</i>   1 tubo x 2 fibras	0,44 €
FO-CVP4TELNET	4 Fibras   FVP   Ø8,2mm   <i>Monotube</i>   1 tubo x 4 fibras	0,46 €
FO-CVP8TELNET	8 Fibras   FVP   Ø8,2mm   <i>Monotube</i>   1 tubo x 8 fibras	0,45 €
FO-CVP12TELNET	12 Fibras   FVP   Ø8,2mm   <i>Monotube</i>   1 tubo x 12 fibras	0,38 €
FO-CVP16TELNET	16 Fibras   FVP   Ø10mm   <b>Multitube</b>   2 tubos x 8 fibras	0,69 €
FO-CVP24TELNET	24 Fibras   FVP   Ø11mm   <b>Multitube</b>   6 tubos x 4 fibras	0,76 €
FO-CVP32TELNET	32 Fibras   FVP   Ø11mm   <b>Multitube</b>   4 tubos x 8 fibras	0,83 €
FO-CVP48TELNET	48 Fibras   FVP   Ø11mm   <b>Multitube</b>   6 tubos x 8 fibras	0,95 €
FO-CVP64TELNET	64 Fibras   FVP   Ø12,6mm   <b>Multitube</b>   8 tubos x 8 fibras	1,25 €
FO-CVP72TELNET	72 Fibras   FVP   Ø11,4mm   <b>Multitube</b>   6 tubos x 12 fibras	1,20 €
FO-CVP96TELNET	96 Fibras   FVP   Ø11,4mm   <b>Multitube</b>   8 tubos x 12 fibras	1,57 €
FO-CVP128TELNET	128 Fibras   FVP   Ø16,8mm   <b>Multitube</b>   16 tubos x 8 fibras	2,20 €
FO-RISER16	16 Fibras   LSZH + Kevlar   Ø7,6mm   <b>Multitube</b>   4 tubos x 4 fibras	0,78 €



- **PRYSMIAN:** Glass fibre and polyethylene jacket. Spools of aprox. 2,000m.

FO-CVP8PRYSMIAN	8 Fibras   VT   Ø6mm   <i>Monotube</i>   1 tubo x 8 fibras.	0,45 €
FO-CVP12PRYSMIAN	12 Fibras   VT   Ø6mm   <i>Monotube</i>   1 tubo x 12 fibras.	0,45 €
FO-CVP16PRYSMIAN	16 Fibras   VP   Ø9,3mm   <b>Multitube</b>   4 tubo x 4 fibras.	0,72 €
FO-CVP24PRYSMIAN	24 Fibras   VP   Ø9,3mm   <b>Multitube</b>   6 tubo x 4 fibras.	0,80 €
FO-CVP32PRYSMIAN	32 Fibras   VP   Ø9,3mm   <b>Multitube</b>   4 tubos x 8 fibras.	0,86 €
FO-CVP48PRYSMIAN	48 Fibras   VP   Ø9,3mm   <b>Multitube</b>   6 tubos x 8 fibras.	1,03 €
FO-CVP64PRYSMIAN	64 Fibras   VP   Ø10,6mm   <b>Multitube</b>   8 tubos x 8 fibras	1,39 €
FO-CVP72PRYSMIAN	72 Fibras   VP   Ø9,5mm   <b>Multitube</b>   6 tubos x 12 fibras	1,28 €
FO-CVP96PRYSMIAN	96 Fibras   VP   Ø10,6mm   <b>Multitube</b>   8 tubos x 12 fibras	1,73 €
FO-CVP128PRYSMIAN	128 Fibras   VP   Ø13,3mm   <b>Multitube</b>   4+12 tubos x 8 fibras	2,65 €
FO-CVP144PRYSMIAN	144 Fibras   VP   Ø13,2mm   <b>Multitube</b>   12 tubos x 12 fibras	2,72 €

- **PRYSMIAN: Easy to Use** Fibre and polyethylene jacket. Spools of aprox. 2,000m.

FO-C12F-DNGS	12 Fibras   Flextube®   Ø6mm   <i>Monotube</i>   1 tubo x 12 fibras	0,56 €
FO-C24F-DNGS	24 Fibras   Flextube®   Ø7mm   <b>Multitube</b>   2 tubo x 12 fibras	0,74 €
FO-C48F-DNGS	48 Fibras   Flextube®   Ø8mm   <b>Multitube</b>   4 tubos x 12 fibras	1,15 €
FO-RISER24	24 Fibras   Flextube®   LSZH + Kevlar   Ø7mm   <b>Multitube</b>   2 tubos x 12 fibras	0,84 €

- **PRYSMIAN:** Fibra de vidrio, cubierta de polietileno, KP, KT. Bobinas de 2.000 metros aprox.

FO-KP24(6X4)PRYSMIAN	24 Fibras   <b>KP</b>   Ø9,5mm   <b>Multitube</b>   6 tubos x 4 fibras	0,80 €
FO-CKT48PRYSMIAN	48 Fibras   <b>KT</b>   Ø10,2mm   <b>Multitube</b>   6 tubos x 8 fibras	1,36 €
FO-CKT64PRYSMIAN	64 Fibras   <b>KT</b>   Ø11,7mm   <b>Multitube</b>   8 tubos x 8 fibras	1,40 €

- **OPTRAL:** Glass fibre and polyethylene jacket. Spools of aprox. 2,000m.

FO-MONOV8OPTRAL	8 Fibras   FVP   Ø7,2mm   <i>Monotube</i>   1 tubo x 8 fibras	0,47 €
FO-MONOV12OPTRAL	12 Fibras   FVP   Ø7,2mm   <i>Monotube</i>   1 tubo x 12 fibras	0,50 €
FO-MONOV16OPTRAL	16 Fibras   FVP   Ø7,9mm   <i>Monotube</i>   1 tubo x 16 fibras	0,65 €
FO-DP24MULTI	24 Fibras   FVP   Ø8,8mm   <b>Multitube</b>   4 tubos x 6 fibras	1,00 €
FO-CAS115-2FO	2 Fibras   LSZH + Kevlar   Ø3,6mm   <b>Multitube</b>   2 tubos x 1 fibra   <b>500 metros. (Price for 500 mts. = 130€)</b>	130,00 €



\* **NOTE:** The optical fibre is supplied on Spools of approximately 2.000 metres.

\* **For technical information and prices please contact:** [tecnico@anvimur.com](mailto:tecnico@anvimur.com)

## GPON

### Meters and Analyzers

FO-VLS8-1/15/20/30



FO-FF1015C



FO-HRV6126



FO-FHP12



FO-MT7602



FO-FF3306D



FO-FHP2P01



FO-FF980OTDR



012-PROLITE30B



FO-FF980REV



012-PROLITE-50B



020-MULTISENSE



FO-FHM2B02



FO-FHP2G10



FO-FHP3P05



FO-VLS8-1	Visual fault locator VLS-8 1mW.	25,00 €
FO-VLS8-15	Visual fault locator VLS-8 15mW.	40,00 €
FO-VLS8-20	Visual fault locator VLS-8 20mW.	35,00 €
FO-VLS8-30	Visual fault locator VLS-8 30mW.	38,00 €
FO-FF1015C	Mini optical power meter FF-1015C. Wavelength measurements: 850/980/1300/1310/1490/1550/1625 nm.	25,00 €
FO-HRV6126	200x microscope to check the status of the tip of ST / SC / FC connectors and / or cut fibre.	31,00 €
FO-FHP12	Pocket size, Optical power meter for wave lambdas 850, 1300, 1310, 1490, 1550 y 1625 nm. +10 ~ -70dBm @1550nm.	45,00 €
FO-MT7602	4-in-1 UTP and Fibre Optic Multi-meter: Optical power meter, visual fault locator for fibre. UTP cable tester and LED light.	135,00 €
FO-FF3306D	Low cost fibre optic identifier, ideal instrument for online testing. Apt for Ø 0.25/0.9/2.0/3.0mm.	207,00 €
FO-FHP2P01	Compact optical power meter, simultaneously 1310, 1490 and 1550nm, with WDM filter.	205,00 €
FO-FF980OTDR	Anchor Clamps, Ø 5-22mm. Reversible, adjustable, steel ring, 200 daN.	520,00 €
012-PROLITE30B	Portable fibre identifier for traffic and signal direction, low cost.	680,00 €
FO-FF980REV	High precision Mini OTDR meter, Multifunction First Fibre, Economical. FC / SC connectors. LINK MAP.	480,00 €
012-PROLITE-50B	Micro OTDR (Optical Reflectometer) wavelengths of 1310, 1550. Fault detection.	1.912,50 €
020-MULTISENSE	Portable Multi Gas Detector (LEL, O2, CO and H2S) CE approved.	580,00 €
FO-FHM2B02	Series Optical Multimeter laser source 1310/1490/1550nm (Covers the entire spectrum range).	255,00 €
FO-FHP2G10	Optical power meter XGS-PON/GPON, with WDM filter (Supports 1270/1310/1490/1577/1625nm).	269,00 €
FO-FHP3P05	Optical power meter XGS-PON/GPON, with WDM filter. (Supports 1270/1310/1490/1550/1577nm).	415,00 €

### Launch Cables

FO-BL1000SCASCA



FO-MINIBOBINA



FO-BL04-09-1000F



FO-BL1000SCASCA	SC/APC Single-mode OTDR Launch Cable. 1Km	250,00 €
FO-MINIBOBINA	MINI SC/APC Single-mode OTDR Launch Cable. 1Km	150,00 €
FO-BL04-04-09-1000F	FUTURA SC/APC Single-mode OTDR Launch Cable. 1Km	374,00 €



**GPON**

**EXFO**

FO-EXFO-EX1



FO-EXFO-PPM352C



FO-EXFO-OX1



FO-EXFO-FIP400B



FO-PPM-350D



<b>FO-EXFO-EX1</b>	Professional 1 Gigabit Ethernet and WIFI bandwidth speed tester.	<b>1.377,00 €</b>
<b>FO-EXFO-PPM352C</b>	Professional power meter GPON EXFO PPM-352C 3. Simultaneously Lambdas 1310/490/1550 nm.	<b>1.928,00 €</b>
<b>FO-EXFO-OX1</b>	Xplorer OX1 EXFO Fibre Optic Multi-meter (OFM). Find and analyse faults automatically.	<b>2.965,00 €</b>
<b>FO-EXFO-FIP400B</b>	Automated Video Field Inspection Probe for fibre connectors.	<b>Consult</b>
<b>FO-EXFO-PPM-350D</b>	Professional Power Meter, supports BPON, GPON, EPON, XG (S)-PON, TWDM NG-PON2, RF overlay, RFoG. (Different configurations).	<b>Consult</b>



<b>FO-EXFO-MAX730C</b>	New EXFO OTDR MAX-730C-SM2 Port 1: 1310/1550 with 39 / 38dB. Port 2: 1625 nm (filtered) with 39dB. IOLM or OTDR option.	<b>5.750,00 €</b>
<b>FO-EXFO-MAX730CIOML</b>	New Model EXFO OTDR MAX-730C-SM2 + Intelligent Optical Link Mapping option. (IOLM + OTDR) Port 1: 1310/1550 with 39 / 38dB - Port 2: 1625 nm (filtered) with 39dB.	<b>7.240,00 €</b>

\* Solicite diferentes configuraciones y precios a [tecnico@anvimur.com](mailto:tecnico@anvimur.com)

**Optical Receivers**

AN9008A-WF



AN9008C-WD



AN2020AW



FO-SFT-F15



FO-FILTRO1625



<b>AN9008A-WF</b>	FTTH to CATV <b>Passive</b> Converter with WDM filter 1550nm. 68 dBµV output level, 1 unit (with 0 dB input).	<b>3,60 €</b>
<b>AN9008C-WD</b>	<b>SR100WD</b> FTTH to CATV <b>Passive</b> Converter for lambda 1550nm with built-in WDM. 68 dBµV output level (with 0 dB input). (Converts lambda 1550nm to RF and passes 1310/1490 nm to connect to an ONT).	<b>13,00 €</b>
<b>AN2020AW</b>	FTTH to CATV <b>Active</b> converter with WDM filter for lambda 1550nm with built-in WDM and automatic gain control, 84.4dBµV output level (with 0 dB input). Power supply included.	<b>19,80 €</b>
<b>FO-SFT-F15</b>	WDM filter 1550 nm rejection. Cuts the 1550nm lambda, letting 1310/1490 pass. Avoids CATV service piracy	<b>16,90 €</b>
<b>FO-FILTRO1625</b>	WDM filter 1625nm pass, 1270nm-1570nm rejection, SC / APC connector for Active FTTH networks.	<b>22,00 €</b>

**Transmisores y Amplificadores EYDFA (CATV-FTTh)**

FO-ST1550I-6



FO-ST1550I-2X6



<b>FO-ST1550I-6</b>	Optical Transmitter 1550nm – Redundant power source. <b>1 output</b> with 6 dBm power.	<b>950,00 €</b>
<b>FO-ST1550I-2X6</b>	Optical Transmitter 1550nm – Redundant power source. <b>2 outputs</b> , each with 6 dBm power.	<b>1.300,00 €</b>

FO-EYDFA8X19-220V



FO-EYDFA16X19-220V



FO-EYDFA32X19-220V



<b>FO-EYDFA8X19-220V</b>	EYDFA Amplifier – Redundant Power Source. <b>8 Ports</b> x 19 dB WDM.	<b>1.500,00 €</b>
<b>FO-EYDFA16X19-220V</b>	EYDFA Amplifier – Redundant Power Source. <b>16 Ports</b> x 19 dB WDM.	<b>2.000,00 €</b>
<b>FO-EYDFA32X19-220V</b>	EYDFA Amplifier – Redundant Power Source. <b>32 Ports</b> x 19 dB WDM.	<b>2.590,00 €</b>
<b>FO-EYDFA32X19-10G</b>	EYDFA Amplifier <b>XGS-PON</b> – Redundant Power Source. <b>32 Ports</b> x 19 dB WDM.	<b>3.200,00 €</b>

## GPON

### Huawei OLT's

#### MA5600 Series SmartAX



#### MA5800 Series SmartAX



MA5800-X2

MA5800-X7

MA5800-X15

\* For different configurations and prices please contact [tecnico@anvimur.com](mailto:tecnico@anvimur.com)



#### OLT Accessories



<b>FUENTE PON30</b>	Power Source 53.5V y 30A. Includes <b>2 modules</b> PSU R4815N de 15A + 4 outputs + administration monitoring module.
<b>FUENTE PON50</b>	Power Source 48V y 50A. Includes <b>1 module</b> PSU R4850G2 de 50A + 4 outputs + administration monitoring module.
<b>FUENTE PON100</b>	Power Source for OLT, 53.5V y 100A. Includes <b>2 modules</b> PSU R4850G2 de 50A + 4 outputs + administration monitoring module.
<b>TPON8</b>	GPFD Card 8 PON C+ SFPs Included.
<b>TPON8C++</b>	GPFD Card 8 PON C++ SFPs Included.
<b>TPON</b>	GPFD Card 16 PON C+ SFPs Included.
<b>TPONC++</b>	GPFD Card 16 PON C++ SFPs Included.
<b>TPON-MA5800</b>	GPFD Card <b>16 PON C+</b> SFPs Included. For chassis MA5800.
<b>TPON-MA5800C++</b>	GPFD Card <b>16 PON C++</b> SFPs Included. For chassis MA5800.
<b>FO-H902CSHF</b>	CSHF PON/XGS-PON card with 16 Combo C+ SFPs included. For chassis MA5800
<b>FO-X2CS</b>	H801X2CS module, 2 x10GE Optical Uplink ports, including SFP+ 10G.
<b>FO-SCUN</b>	SCUN Control Module, for OLT Chassis MA56xxT. 4 x Uplink Gb ports.
<b>FO-GICF</b>	GICF Module, 2-port 1GE electric Uplink port. SFP Included.
<b>FO-SFPC+</b>	SFP GPON OLT <b>C+</b> .
<b>FO-SFPC++</b>	SFP GPON OLT <b>C++</b> .
<b>FO-SFP1G</b>	Huawei optical module SFP 1.25G LC 1310nm, 10Km, SM.
<b>FO-SFP1G-40</b>	Huawei optical module SFP 1.25G LCU Duplex 1310nm, 40Km, SM.
<b>FO-SFP10G</b>	SFP+ 10G - 1310 - 10Km - HUAWEI - SM - LC DUPLEX.
<b>FO-SFP10G-40</b>	SFP+ 10G - 1550 - 40Km - HUAWEI - SM - LC DUPLEX.
<b>FO-SFP Huawei</b>	eSFP GE 1000Base-T (100m, RJ45).
<b>FO-SFPRJ45</b>	eSFP GE 1000Base-T (100m, RJ45).
<b>FO-MPWDAC</b>	Power board 220V H801MPWD FOR HUAWEI OLT MA5608T.
<b>FO-MPWDCDC</b>	Power board 48V H801MPWCDC FOR HUAWEI OLT MA5608T.
<b>FO-MCUD</b>	MCUD board, MA5608T chassis.
<b>FO-MCUD1</b>	MCUD1 board, MA5608T chassis, 10GB.
<b>FO-CABLEOLT</b>	OLT's power cable 1m for OLT MA5600 / MA5800. * Please indicate the model before processing the order.

\* Ask prices and technical information at [tecnico@anvimur.com](mailto:tecnico@anvimur.com)





**GPON**

**ONT Equipment (Optical Network Termination)**



**EG8010H**



1 Port GE.

(NEBA compatible)

**EG8145V5**



4 Ports GE.  
1 Telephone.  
1 USB.  
Wi-Fi 2.4G/5G AC.  
MIMO 2x2 5dBi.

**EG8145X6**



4 Ports GE.  
1 Telephone.  
1 USB.  
Wi-Fi **6ax** 2.4G/5G AC.  
MIMO 2x2 5dBi.

**EG8143A5**



1GE + 3FE Ports  
1 Telephone.  
**1 CATV.**  
Wi-Fi 2.4G.  
MIMO 2x2 2dBi.

**EG8245W5-6T**



4 Ports GE.  
2 Telephone.  
1 USB.  
Wi-Fi 2.4G/5G AC.  
MIMO 2x2/4x4 5dBi.

**EG8147X6**



4 Ports GE.  
1 Telephone.  
**1 CATV** + 1 USB.  
Wi-Fi **6ax** 2.4/5G AC.  
MIMO 2x2 5dBi.

**EG8247Q**



4 Ports GE.  
2 Telephone.  
**1 CATV** + 2 USB.  
Wi-Fi 2.4/5G AC  
MIMO 3x3 2dBi.

**EN8145X6**



4 Ports GE.  
1 Telephone. + 1 USB.  
Wi-Fi **6** 2.4G/5G AC/AX.  
MIMO 2x2 5dBi.  
**XGS-PON**

**HN8010TS**



User ports:  
**10GE**  
Network ports:  
**XGS-PON**

**W826E**



4 Ports GE.  
1 Telephone.  
Wi-Fi **6** 2.4G/5G AC/AX.  
MIMO 2x2 2dBi  
**XGS-PON**



**ANFIT RF XGPON**



4 Ports GE.  
1 Telephone **VoIP.**  
**1 CATV** + 1 USB.  
Wi-Fi 2.4/5G AC  
5dBi antenna.  
Model: M-G4P5GRFA



**MA5626-8FE**



1 Port GPON.  
8 Ports FE. (PoE)

**MA5626-4GE-4FE**



1 Port GPON.  
4 Ports GE. (PoE)  
4 Ports FE. (PoE)

**EA5821**



1 PON 1G/10G.  
24 Ports GE. (PoE)



\* Ask prices and technical information at [tecnico@anvimur.com](mailto:tecnico@anvimur.com)

# TRUE-IP

**TRUE-IP** is a solution developed by Anvimur Telecomunicaciones allowing the operator to offer its traditional channels in IPTV / OTT / TV Every Where format, anywhere in the world in a simple and intuitive way.



The IPTV / OTT Streaming Server allows Inputs / Outputs in Unicast / Multicast, UDP / RTP / HTTP / HLS protocols etc. It allows customer to access control, monitoring and channel viewing, device registration / cancellation, etc. Controlled via a web interface from any browser. Configuration of rates and channel packages, end of service date.



**3.800 €**

Intended for small networks. The best way to know True-IP at the lowest cost. Allows up to 16 HLS channels. 40 Multicast, OTT and IPTV channels. Expandable by license. Transcoding included \*. Software Management IPTV Middleware. Supermicro Rack-mounted Server (Barebone type).



**4.995 €**

Complete version. All-field networks, limited HLS \* channels, 60 Multicast channels. Transcoding included\*. Expandable with SIBU-IP. Software IPTV Management Middleware. Supermicro Rack-mounted Server (Barebone type).

## SIBU-IP

Transcoding server with H.264 or MPEG2 output. Allows you to adjust the output speeds of IPTV channels to suit your TRUE-IP platform. Fixed output speed independent of input. Unicast / Multicast outputs.

Up to 16\* SD channels per server: **2.900 €**

Hasta 192\* SD channels per server: **22.500 €**

## LEMUI-IP

It allows you to generate your own IPTV channel from your recordings. TRUE-IP compatible. Automatic content broadcast, allows for multiple input codecs. Fixed output speed independent of input. Includes server with 2 TB capacity. **Consult extensions.**

**2.300 €**

## CATCHUP

IPTV video recording solution, fully integrated with the True-IP platform. It allows for the recording of the channels broadcast on your IPTV platform and on demand deferred viewing by the network subscribers. It includes EPG content. It comes with a basic server with a 2 TB capacity. **Consult extensions.**

**2.995 €**

\* Request a remote demonstration to see its magnificent features for yourself.

[tecnico@anvimur.com](mailto:tecnico@anvimur.com)



# GPON

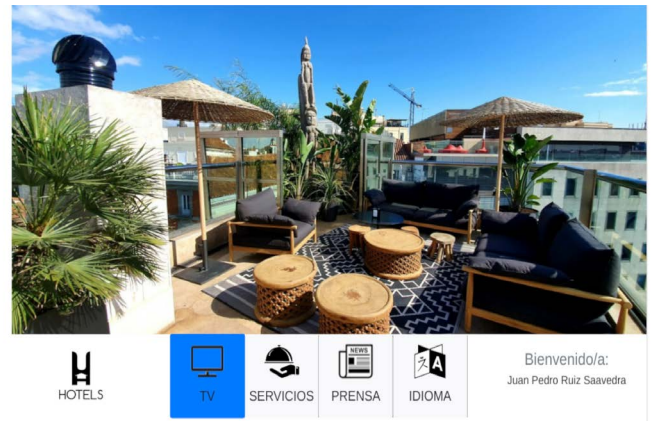
## TRUE-IP Hospitality



True-IP Hospitality is designed to offer IPTV services over large or small ethernet GPON networks. Hotels, large residential complexes, etc., would be an ideal environment for the installation of this IPTV system.

Based on the use of IPTV receivers (STB's), it allows for a quick and easy roll-out of a TV system in your network.

With a completely renewed web interface, it offers a modern and simple visual environment for the management and configuration of the system. It allows for the integration of any TV headend that supports the sending of channels in Multicast. You will not have to purchase any TV reception equipment again if you already have it. The middleware allows for the customization of different templates to suit customer needs.



- Administration of TV channels.
- Management of network devices. (High, low, reboots).
- Updating of the receivers' signature.
- Personalized messages in real time to each device.
- Provides services offered by the establishment. (Events, etc.).

- Allows mails to be sent with service information to guests.
- Room service for meals.
- Radio service (desde internet).
- Tourism services (Atractivos de la zona).
- Information about Programmes (EPG).



- CanalesTV
- Tarifas
- Dispositivos
- Servicios
- Comidas
- Plantillas

Posición	Estado	Logo	Nombre	Interfaz entrada	Entrada	SID	Pid Audio	Pid Video	Interfaz salida	Salida	Running
1	Off	1	La1HD	eth0	udp://239.123.13.100:58100	1	1001	1000	eth1	udp://239.123.13.100:58100	<input type="checkbox"/>
2	Off	2	La2HD	eth0	udp://239.123.13.100:58101	1	1001	1000	eth1	udp://239.123.13.100:58100	<input type="checkbox"/>
3	Off	Antena3HD	Antena3HD	eth0	udp://239.123.13.100:58103	1	1001	1000	eth0	udp://226.12.12.13:58013	<input type="checkbox"/>
4	Off	cuatro	CuatroHD	eth0	udp://239.123.13.100:58104	1	1001	1000	eth0	udp://226.12.12.14:58014	<input type="checkbox"/>
5	Off	5	TelecincoHD	eth0	udp://239.123.13.100:58105	1	1002	1001	eth0	udp://226.12.12.14:58016	<input type="checkbox"/>
6	Off	6	LaSextaHD	eth0	udp://239.123.13.100:58106	1	1001	1000	eth0	udp://239.123.13.102:58102	<input type="checkbox"/>
7	Off	7	Hollywood	eth0	udp://239.123.13.100:58100	1	1002	1000	eth0	udp://230.1.1.1:58001	<input type="checkbox"/>

PSO Provisioning Software

**PSO**  
system

New 5.0 Version

**PSO** is a Provisioning Software developed entirely by Anvimur Telecomunicaciones, which will allow you to provision ONTs from different manufacturers in Huawei OLT chassis in a totally automatic and transparent way.

Manage all your ONT's remotely and, among many other functions, it allows you to organize the different services that you offer to your subscribers.

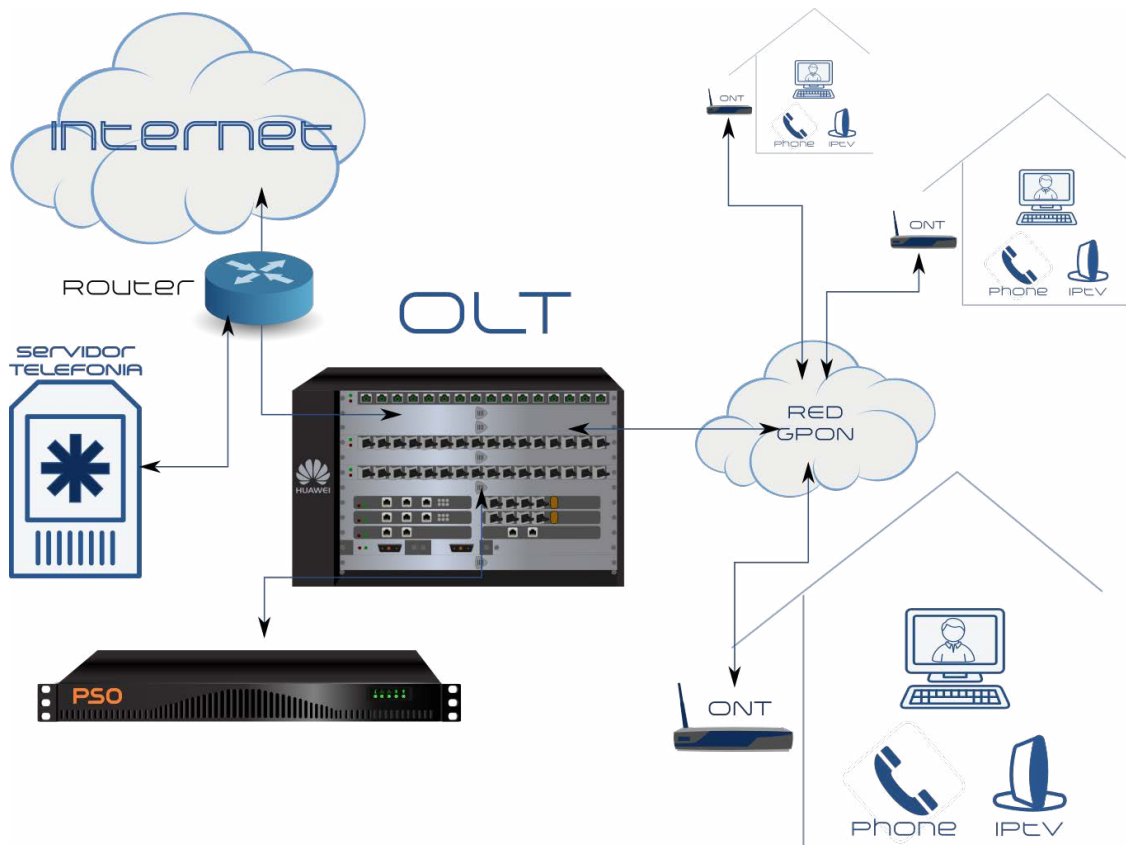
- New interface graphics.
- Higher performance, robustness and speed.
- User profile management.
- Management of multiple ONTs simultaneously (reboots, resets, etc).
- Improved TR-069 server. Management of: DMZ, Ports, SSID management of 2GHz and 5GHz networks, etc.
- Speed profile management.
- Supports communication with multiple OLT's simultaneously.
- Remote ONT access.
- Detección automática de cambio de PON.
- Communication API for external applications.
- Log management.
- Back-ups.

**Software**

**2.500 €**

**Software + Server**

**3.400 €**



\* Request a remote demonstration to see its magnificent features for yourself.

[tecnico@anvimur.com](mailto:tecnico@anvimur.com)





**GPON**

**PSO Provisioning Software**



Based on the **PSOv5.0** provisioning software, this multi-operator version allows several operators to work simultaneously on the same OLT.

It offers significant savings when sharing the network and prevents second operators from adapting their provisioning systems

- It allows several operators to simultaneously operate the same GPON network. It totally isolates the data belonging to one operator from the rest, so privacy is guaranteed.
- Multi-operator PSO has an API through which any task can be carried out automatically and remotely, and can be integrated with almost any management software.
- It allows several user levels for the different operators, assigning different privileges to each one.
- Upgrading from PSO to multi-operator can be done easily and without service outages.

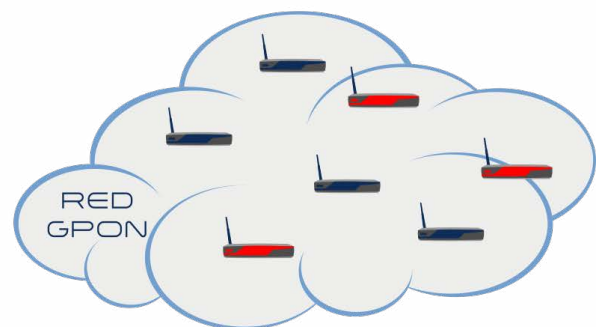
**Software**

**2.700 €**

\* The Server is not included.

**PSOv5.0 upgrade to Multioperador**

**800 €**





### Integra E

10Gbps wireless fibre and capacity to support ACMB.



### Integra X

Compact 2Gbps XPIC Dual Radio FODU Radio Link.



**Integra-E:** high reliability, Carrier-Grade specifications and a 5-year warranty that extends the Integra family to the E bands, **with 10 Gbps Fullduplex capacity.**

The Integra-E **supports ACMB** (Modulation and Adaptive Bandwidth), changing the coding speed, modulation and bandwidth depending on the real conditions of the link.

**Integra-X:** SAF reaches another milestone in its constant technological innovation. We are proud to announce the new Integra-X with dual radio, the newest member of the compact FODU radio links.

The Integra-X incorporates two transceivers and two modems, allowing it to operate in native 2 + 0 XPIC mode, reaching a capacity of 2.2 Gbps **Fullduplex per dongle.**

We deal with the request to the Ministry for frequencies, documentation, and remote start-ups.

**4<sup>+</sup> Gbps**  
UP TO  
Solution with  
**Hybrid OMT**  
QUAD-CORE SYSTEM, TWO INTEGRA-X RADIOS ON A SINGLE ANTENNA



# TELESTE

## Professional Head-end Platforms for TV CABLE, IPTV and OTT



Over the years, Luminato has proven to be one of the most reliable headend platforms on the market. There are thousands of Luminato devices operating around the world and serving subscribers with tens of thousands of services 24 hours a day, yet the failure rate is less than 0.3%.

### Features that guarantee a high level of reliability:

- Hot swappable modules with automatic configuration copy.
- Unobstructed air flow from four actively controlled, hot-swappable, automatically adjustable fans.
- A platform can include two PSUs, or connect to an external PSU that serves multiple platforms.
- 1 + 1 platform redundancy with automatic and fast exchange on several primary and secondary platforms.
- SID tracking.
- Flow redundancy with configurable triggers and automatic recovery.
- Service priority to ensure priority service passage in case of over demand.
- Monitoring decryption and automatic refresh or restart of the conditioned access module (CAM).

**Anvimur is the sole distributor and technical support authorised by the Teleste Corporation for España.**

Anvimur undertakes any configuration needed for a start-up, update or support for the Teleste Luminata television headend and we help any project that requires it.

Teleste's video headend products are known around the world for their quality, modularity, and live content processing capabilities. Our philosophy has been to design products that address the traditional and future broadcasting necessities which require the ability to feed and manage video delivery through a distributed access architecture.



# HUAWEI | Enterprise

**Anvimur is an official partner for the distribution and technical consultation of Huawei for Enterprise Networking and Optical Networking.**

Huawei offers a wide range of products for safe reliable high-speed connections.

- Intelligent Cloud-Networks.
- Switches.
- Routers.
- WLAN.
- Network Security.
- Network Management, Control, and Analysis Software.
- Campus Network Solution.
- Data Center Network Solution.
- WAN Solution.
- Optical Access.
- Optical Terminals.



# HUAWEI

# FusionSolar

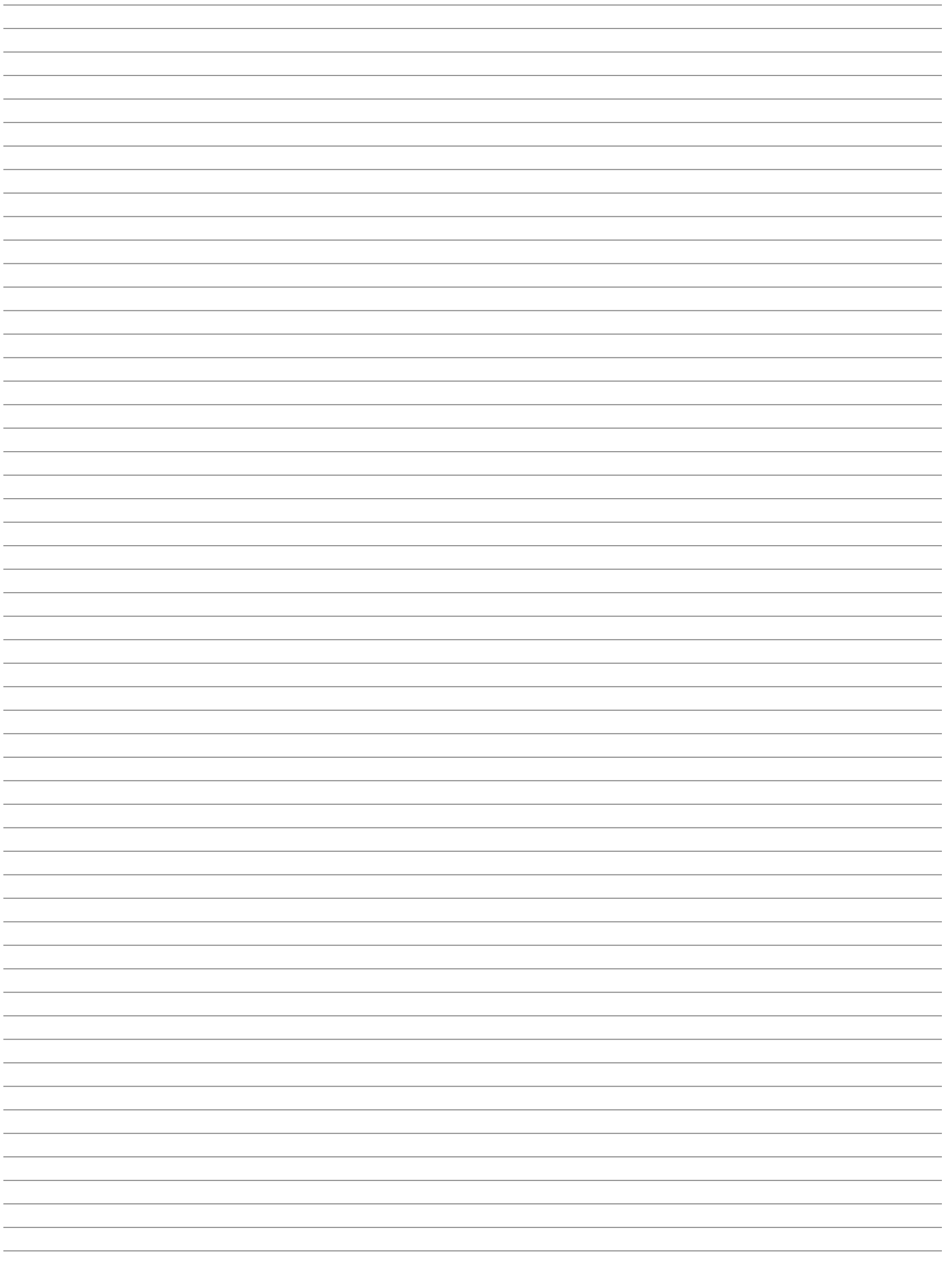


**Anvimur is its partner for investments in solar and energy storage.**

Huawei offers cutting-edge smart photovoltaic solutions driven by more than 30 years of experience in developing digital information technologies.







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